Technical Notes

Data presented in *Doctorate Recipients from U.S. Universities: 2022* were collected by the Survey of Earned Doctorates (SED). The survey is sponsored by the National Center for Science and Engineering Statistics (NCSES) within the National Science Foundation (NSF) and by three other federal agencies: the National Institutes of Health (NIH), Department of Education (ED), and National Endowment for the Humanities (NEH). This report presents the summary of these survey data.

Survey Overview (2022 Survey Cycle)

Purpose. The SED collects data on the number and characteristics of individuals receiving research doctoral degrees from U.S. academic institutions.

Data collection authority. The information collected by the SED is solicited under the authority of the National Science Foundation Act of 1950, as amended, and the America COMPETES Reauthorization Act of 2010. The Office of Management and Budget control number is 3145-0019, expiration date 20 April 2024.

Survey contractor. RTI International.

Survey sponsors. The SED is sponsored by NCSES within NSF and by NIH, ED, and NEH.

Key Survey Information

Frequency. Annual.

Initial survey year. Academic year 1958.

Reference period. Academic year 2022 (1 July 2021 to 30 June 2022).

Response unit. Individuals.

Sample or census. Census.

Population size. 57,596.

Sample size. Not applicable.

Survey Design

Target population. The population for the 2022 SED consists of all individuals receiving a research doctorate from a U.S. academic institution in the 12-month period beginning 1 July 2021 and ending 30 June 2022. A research doctorate is a doctoral degree that (1) requires completion of an original intellectual contribution in the form of a dissertation or an equivalent culminating project (e.g., musical composition) and (2) is not primarily intended as a degree for the practice of a profession.

The SED recognized 18 distinct types of research doctorates in 2022 (table A-1). Recipients of professional doctoral degrees, such as MD, DDS, DVM, JD, DPharm, DMin, and PsyD, are not included in the SED.

The doctor of philosophy (PhD) constitutes the vast majority of research doctoral degrees. Of the 57,596 new research doctorates granted in 2022, 98.6% were PhDs (table A-1). The next most frequently occurring type of research doctorate was the doctor of education (EdD), which accounted for 0.9% of the total in 2022. No other type of doctoral degree accounted for more than 0.2% of the new research doctorates in 2022.

Sampling frame. The sampling frame of doctorate recipients is created by first identifying all institutions that confer research doctorates and then identifying all individuals receiving a research doctorate from those institutions in the 12-month period ending 30 June 2022. The list of institutions is based principally on the institutions in the prior survey cycle augmented by any new institutions on the Integrated Postsecondary Education Data System (IPEDS) and other higher education resource databases. The list of doctorate recipients is created from administrative sources such as commencement lists from the institutions and commercial databases of doctorate dissertations. For 2022, 463 research doctorate-granting institutions were identified; however, 6 of these institutions reported 0 graduates, and 13 institutions refused to provide lists of graduates. For all 13 refusing institutions, the survey contractor was able to construct graduate lists using secondary data sources. Thus, the sampling frame consisted of 57,596 persons in 457 institutions that conferred research doctorates in 2022.

Sample design. The SED is a census survey of all recipients of U.S. research doctoral degrees in the sampling frame.

Data Collection and Processing Methods

Data collection. SED collects data using two modes: self-administered Web survey and computer-assisted telephone interviewing (CATI).

The self-administered Web survey is the primary mode of SED completion. When students apply for graduation, institutional coordinators at the universities give students the link to the survey registration website. Students who sign up at the survey registration website receive PIN and password information via e-mail, as well as the URL of the SED Web survey. The proportion of SED completions using the Web has increased steadily since it was introduced in 2001, and it reached 98.4% in 2022.

Nonrespondents are contacted by e-mail, mail, and text messages to complete the Web survey. If the series of follow-up e-mails, mailings, and text messages is unsuccessful, the survey contractor attempts to reach nonrespondents to complete an abbreviated survey by CATI. Approximately 1.6% of SED completions were from CATI in 2022. At the end of data collection phase, institutional coordinators were contacted to obtain information on a small number of critical SED data items for nonrespondents from their institution.

A small but growing number of research doctoral degrees awarded were part of joint doctoral programs (i.e., a research doctorate recipient studied at more than one institution in pursuit of the doctoral degree). In these instances, the survey contractor relies on information provided by the institutions to appropriately attribute the doctorate to one of the doctorate-granting institutions.

The survey collects complete college education history data. To code U.S. postsecondary degree-granting institutions, survey staff use the IPEDS institution codes. To code the degree-granting institutions of respondents from foreign countries, survey staff maintain a database of foreign institutions, updating it annually to include new entries for foreign institutions reported by SED respondents. About one-third of 2022 U.S. research doctorate recipients received undergraduate degrees from foreign institutions.

Mode. In 2022, 98.4% of survey responses were obtained via the Web survey and 1.6% via CATI.

Response rate. Of the 57,596 individuals who received a research doctorate in 2022, 91.6% completed the survey (table A-2). Additional information on response rate is below, under "Nonresponse error."

Data editing. Approved automated edits are applied to the SED, a number of which pertain to the education history section.

Imputation. Imputation was performed for only the following variables in producing the 2022 SED Doctorate Records File (DRF):

- *Age at doctorate.* Months (of birth and doctorate award) were included in the calculation of median age whenever available. If birth month was missing, the month value was randomly imputed.

- *Time to degree from bachelor's completion*. Months (of bachelor's completion and doctorate award) were included in the calculation of total time to degree. If months were missing, month values were logically imputed to the modal value for doctorate recipients who provided month of bachelor's completion.

- *Time to degree from graduate school entry*. Months (of graduate school entry and doctorate award) were included in the calculation of graduate school time to degree. If months were missing, month values were logically imputed to the modal value for doctorate recipients who provided month of graduate entry.

- *Time to degree from doctoral program entry*. Doctoral program entry is based on master's degree program entry if the master's degree was at the doctoral institution in the same fine field of study or if it was a prerequisite to the doctorate; otherwise, it is based on doctoral program entry. Months are included in the calculation of doctoral program time to degree. If the month of entry used in the calculation (master's degree program entry or doctoral program entry) was not reported, the entry month was logically imputed to the modal value for all cases that did report the entry month in the academic year the case was added to the doctoral records file (typically the academic year matching the graduation date of the case).

Weighting. Survey data were not weighted.

Variance estimation. The SED is a census of all research doctorates with no sampling, so survey totals have no sampling variability.

Disclosure protection. To protect against the disclosure of confidential information provided by SED respondents, data values based on counts of respondents that fall below a predetermined threshold are suppressed in the data tables. Secondary or complementary suppressions are applied as needed to prevent reconstruction of the data values from primary suppressions. Beginning in 2021, the detailed fields in the data tables are based on the aggregation of SED Classified Instructional Program (CIP) fields. All suppressed values in the data tables are replaced with "D."

Survey Quality Measures

Sampling error. Not applicable because the SED is a census.

Coverage error. Due to the availability of comprehensive lists of doctorate-granting institutions, coverage error of institutions is minimal. Because the graduate schools identify degree recipients at the time of doctorate completion, coverage error for individual doctorate recipients is also minimal. Comparisons of the institutions with research doctorate recipients covered by the SED that also report to Integrated Postsecondary Education Data System (IPEDS) Completions Survey, collected by the National Center for Education Statistics, confirm that there is minimal coverage error.

Institutions that begin to confer research doctorates are invited to join the SED. If a university that confers research doctorates does not wish to participate in the SED, slight undercounts may result. Graduation lists provided by institutions serve as the primary frame to determine eligible doctorate recipients. In 2022, 13 doctorate-granting universities declined to fully enumerate their doctorate recipients for academic year 2022. Information on the graduates for all of these institutions were found from other sources, such as ProQuest. Differences in counts of research doctorate recipients between SED and IPEDS are minimal.

Nonresponse error.

- *Unit nonresponse.* Of the 57,596 individuals who received a research doctorate in 2022, 91.6% completed the survey (table A-2). This percentage is referred to as the self-report rate. Skeletal records for nonrespondents appear on the data file and contain a limited number of SED critical data items (doctoral institution, year of doctorate, field of doctorate, type of doctorate, and, if available, baccalaureate institution, master's degree institution, and sex) that are constructed for nonrespondents from administrative records of the university, such as commencement programs, graduation lists, and other public records.

Unit nonresponse was concentrated in a small number of institutions: 7 of the 457 doctorate-granting institutions accounted for 25% of the total nonrespondents; an additional 12 institutions accounted for an additional 25% of the total nonrespondents.

- *Item nonresponse.* Due to data collected as part of nonrespondent skeletal records, item missing rates for the five key SED demographic variables—sex, citizenship, country of citizenship, race and ethnicity, and location after graduation— were lower than the unit nonresponse rate and ranged from 0.0% for sex to 8.1% for location after graduation in 2022. Table A-3 shows item response rates for unit respondents from 2012–22 for all variables, by variable name (see clarifying notes in the table).

Measurement error. The most likely source of measurement error in the SED is attributable to incomplete or updated information provided by respondents or degree-granting institutions, and for educational history provided by respondents.

Counts of doctorate recipients for previous years are corrected by the addition of data from surveys received after the close of data collection for a given year. Updates and corrections to graduation dates can also change the overall counts for prior years. The published tables reflect these changes.

For field of degree, some respondents (or institutions) fail to provide a degree code and instead provide a text string that must be manually coded by the survey contractor. Similarly, some aspects of the educational history timeline—including the field of study or institution for earned associate's, bachelor's, or master's degrees—require manual coding. When manual coding is required, a pair of trained reviewers independently code each text entry, and any discrepancies between the two coders are resolved by a third, more expert reviewer. All manual coding is subject to a final review by NCSES. Generally, the percentage of responses in these data requiring manual coding is low. In 2022, 0.5% of doctorate fields of study reported by respondents were manually coded, as well as 0.7% of associate's degree fields, 0.4% of bachelor's degree fields, and 0.4% of master's degree fields.

Data Comparability

Changes in survey coverage and population. For the 2022 cycle, six institutions were added to the SED universe.

Changes in questionnaire.

The following changes were made to the questionnaire in 2022:

New questions.

- None.

Changed questions.

- *Coronavirus Disease 2019 (COVID-19) module.* A special COVID-19 module added in 2021 to capture the COVID-19 pandemic's impact on the respondents' graduate experiences and career plans first asked whether the respondents experienced one of six impact areas as a result of the pandemic: delay in their doctoral degree completion timeline; disruption in their research; reduction or suspension of funding for their doctoral studies; change in their immediate postgraduate employment or education plans; change in longer-term career plans or goals; change in their plans about where to live in the year after graduation; and any other changes to their graduate experience or career plans. For each affirmative response, an open-ended follow-up question asked the respondents to elaborate on how they were affected.

    In 2022, the COVID-19 module question items were revised slightly (as shown in the table below) based on the frequency of reported items and analysis of the open-ended responses collected from the 2021 COVID-19 module. Respondents were first asked whether they experienced one of six impact areas as a result of the pandemic in slightly different order and wording: delayed in their doctoral degree completion timeline; led to a reduction or suspension of

funding for their doctoral status; affected their research; changed their immediate postgraduate employment plans; changed their longer-term career plans; and changed their plans about where to live after graduation. The follow-up questions were only asked of those who answered affirmatively to whether the pandemic affected their research, immediate postgraduate employment plans, or longer-term career plans.

2022 COVID-19 Module Items		2021 COVID-19 Module Items	
2022 Item	**2022 Item wording**	**2021 Item**	**2021 Item wording**
NCOVA	The pandemic delayed the timeline for completing my doctoral degree.	COVA*	The timeline for completing my doctoral degree changed.
NCOVC	The pandemic affected my research *(e.g., limited access to resources or collaborators/ advisers, changed research plan).*	COVB*	My research was disrupted.
NCOVB	The pandemic led to a reduction or suspension of funding for my doctoral studies.	COVC*	Funding for my doctoral studies was reduced or suspended.
NCOVD	The pandemic changed my immediate postgraduate employment plans *(e.g., limited job opportunities, less desirable employment, work visa status).*	COVD*	My immediate postgraduate employment or education plans changed.
NCOVE	The pandemic changed my longer term career plans *(e.g., pursuit of different type of job or employer).*	COVE*	My longer term career plans or goals changed *(e.g., type of employer, research focus).*
NCOVF	The pandemic affected my plans about where to live in the year after graduation.	COVF*	My plans about where to live in the year after graduation were affected.
NCOVG*	The pandemic changed my graduate experience or career plans in other ways.	COVG*	My graduate experience or career plans changed in other ways.
* Followed up with an open-ended item asking the respondent to provide additional details.			

Most of the 2022 COVID-19 module items were closed-ended questions with only NCOVC, NCOVD, NCOVE, and NCOVG asking for respondents to specify if they were impacted in other ways.

Changed question response options.

- *Educational history list of degrees.* The "Research doctoral degree" response option in the 2021 education history table was revised to "Another research doctoral degree" and moved down in the response options towards the end (see below). This change was made to avoid duplicate reporting of the current doctorate information in the research doctoral degree section A and the education history section B.

2022 Education History Table Order of Degree Types	2021 Education History Table Order of Degree Types
- Associate's degree (e.g., AS, AA) or equivalent	- Research doctoral degree (e.g., PhD, DSc)

- Bachelor's degree (e.g., BS, BA, AB) or equivalent	- Professional doctorate degree (e.g., MD, DDS, DVM, JD, PsyD)
- Master's degree (e.g., MS, MA, MBA, MSW) or equivalent	- Master's degree (e.g., MS, MA, MBA, MSW) or equivalent
- Professional doctorate degree (e.g., MD, DDS, DVM, JD, PsyD)	- Bachelor's degree (e.g., BS, BA, AB) or equivalent
- Another research doctoral degree (e.g., PhD, DSc)	- Associate's degree (e.g., AS, AA) or equivalent
- Other postsecondary degree	- Other postsecondary degree

Changes in reporting procedures or classification.

- *Location variables.* In 2022 the NCSES Taxonomy of Geographic Areas (TOGA) was revised. This revision added new countries, edited existing country names, and renumbered and re-sorted the country code list. The revised TOGA reused the same country codes from the previous version for new countries, which can result in incorrect country data if the programming codes have not been updated appropriately. To avoid the potential user error, the following variable names were changed:

  - BAPLACE replaced by BAPLCD

  - HSPLACE replaced by HSPLCD

  - BIRTHPL replaced by BIRTHPLCD

  - PDLOC replaced by PDPLCD

  - CNTRYCIT replaced by CITIZPLCD

- *Field of study.* Beginning in 2021, field of study and doctorate dissertation field data are collected using a modified version of the 2020 Classification of Instructional Programs (CIP) codes maintained by the National Center of Education Statistics (NCES). All data are now reported using the new SED-CIP taxonomy (table A-4). The SED-CIP modifications are as follows:

  - Over 50 degree fields collected in SED prior to 2021 but not in the 2020 CIP were added. These SED-CIP codes are noted in table A-5 and table A-6 with a letter suffix other than "a."

  - An additional 37 SED-CIP codes were added in 2022 from the emerging doctorate field review based on doctorate field data collected in prior years. These 37 codes had not been incorporated in 2021 due to timing.

  - The exclusion of CIP fields that are not eligible for the SED, which are CIP 12 (Culinary, entertainment, and personal services), CIP 28 (Military science, leadership, and operational art), 32 (Basic skills and development/remedial education), 33 (Citizenship activities), 34 (Health-related knowledge and skills), 35 (Interpersonal and social skills), 36 (Leisure and recreational activities), 37 (Personal awareness and self-improvements), and 53 (High school/ secondary diplomas and certificates) series codes.

  - The limitation of the CIP 46 (Construction trade), 47 (Mechanic and repair technology/technicians), and 48 (Precision production) series codes to associate's degree fields only.

  - The conversion of the CIP 60 (Health professions residency/fellowship) and 61 (Medical residency/fellowship) series codes to SED-CIP 70 and 71 series codes, respectively, to capture the research fields for doctorate dissertation fields only.

The SED-CIP code list includes over 1,650 fields for the field of study reporting, compared to the 334 field codes collected prior to 2021. The SED-CIP codes are aggregated into 305 detailed fields, 66 major fields, and 16 broad fields, which are used for reporting in the data tables (table A-4). In 2022, minor edits were made in the composition of the detailed fields for further alignment with NCSES' Taxonomy of Disciplines (TOD), and 6 new detailed fields were added for SED-CIP codes with large numbers of doctorate recipients. One detailed field was removed due to small number (table A-5).

This SED-CIP taxonomy includes multidisciplinary/interdisciplinary sciences and multidisciplinary/interdisciplinary studies to capture and track emerging fields and is aligned to the NCSES TOD for comparison with other NCSES surveys. The complete SED-CIP list with corresponding detailed, major, and broad fields are in table A-5.

To facilitate the trend data comparison with prior years, a crosswalk was created of the SED-CIP codes to the historical SED field of study (FOS), which were aggregated into the historical SED broad and major fields (see table A-6). This results in generally comparable historical broad and major fields with some limitations. Specifically, each SED-CIP code mapped to a historical SED-FOS code might not be the code the respondent would have chosen from the previously used historical SED-FOS list. For example, it is not known how respondents who reported the new SED-CIP field of "electrical engineering and computer science" in 2022 would have chosen their field under the historical SED-FOS list that includes two separate fields "electrical engineering" and "computer science." For more information, see the working paper *Survey of Earned Doctorates Field of Study Taxonomy Changes in 2021 and Impact on Trend Data.* Beginning in 2015, the broad field of study of "physical sciences" was broken out into two separate broad fields: "physical sciences and earth sciences" and "mathematics and computer sciences." Also beginning in 2015, the major fields of "mathematics and statistics" and "computer and information sciences" are listed under the new broad field of "mathematics and computer science." Prior to 2015, these major fields were listed under physical sciences.

- *Salary*. Median salary is calculated from exact salary values when provided by the respondent. Salary imputation was dropped as of 2015 due to the increase in exact salary response rate. From 2011 to 2014, if a respondent selected a salary range instead of providing an exact salary value, exact salary values were imputed for median salary calculation purposes by applying hot-deck imputation based on salary range and other relevant respondent characteristics. Prior to 2011, median salary was calculated directly from the salary range values via interpolation methods, and exact salary values were not used in the calculation of median salary. Only salary data from doctorate recipients reporting definite commitments for employment or for a postdoc position in the United States are included in median salary calculations.

- *Functional limitations (previously, disability)*. Beginning in 2012, the functional limitations items assess both the presence and severity of functional limitations in each of several domains, which do not precisely overlap with the domains in prior surveys.

- *Debt*. Since 2001, respondents have been asked to indicate the amount of education-related debt they owe, with separate response categories for graduate and undergraduate education. To estimate overall debt, the midpoint of the chosen range for undergraduate and for graduate debt was selected and summed to yield a total debt amount. Where mean debt levels are presented in this report (i.e., table 38 and table 40), the individual values for debt are assigned as the midpoint of the chosen range for graduate and undergraduate debt. Doctorate recipients who chose the lowest debt category (no debt) were assigned a value of $0 for the computation of mean debt levels. Doctorate recipients who chose the uppermost category available prior to 2020 ($90,001 or more) were assigned a value of $95,000 for the computation of mean debt levels. In 2020, additional response options were added at the upper range for graduate debt with the highest being $160,001 or more. Doctorate recipients who choose this uppermost category are assigned a value of $165,000 for the computation of mean debt levels. All valid responses, including "no debt," are included in the computation of all average debt figures in this report.

- *Citizenship*. The citizenship status variable is used to identify the appropriate citizenship category of respondents, including the citizenship category of respondents who did not respond to the citizenship status survey item. The code framework for the citizenship status variable is outlined below.

Code	Citizenship category
0	U.S. native born
1	U.S. naturalized citizen
2	Non-U.S. immigrant (permanent resident)
3	Non-U.S. non-immigrant (temporary U.S. visa)
4	Non-U.S., visa status unknown
U	U.S. citizen, unspecified
Blank	Missing or citizenship unknown

Respondents who indicated a U.S. birthplace, regardless of what they reported for citizenship status, were assigned code 0.

In 1999, code 4 (non-U.S., visa status unknown) was introduced, and data were back-coded through 1997. Respondents who designated a non-U.S. country for the country of citizenship item but did not respond to the citizenship status item were assigned code 4 for citizenship status. From 1997 to 2003, non-U.S.-born respondents who did not indicate their country of citizenship or citizenship status were assigned to code 4 if three out of four geographic variables—place of birth, place of high school, place of college entry, and postgraduation location—were non-U.S. locations. Beginning with the 2004 SED, the variable "place of baccalaureate institution" replaced "place of college entry" in the assignment of a citizenship code for respondents who did not indicate citizenship status.

For tabulations in this report, code 4 was combined with code 3—that is, counts of doctorate recipients in the temporary visa holder category include non-U.S. citizens with unknown visa status. This is consistent with coding procedures in previous data collections. However, the existence of code 4 allows the microdata user to exclude cases for which visa status is unknown. Prospective data users should note, however, that the number of cases in the code 4 group is not sufficient to warrant analysis as a separate citizenship category.

Non-U.S. citizens who did not report a country of citizenship but reported the same non-U.S. country for three out of four geographic variables—place of birth, place of high school, place of baccalaureate institution, and postgraduation location—were assigned that reported country as their country of citizenship.

- *Median computation*. Since 1994, medians have been computed as outlined below. When months are included, they are converted to the number of days corresponding to the first day of the month. In 2017, the method for accounting for leap days changed to reflect the actual number leap days during the time period specified, rather than the prior method of adding 0.25 days to each year.

  - *Median age*. Months (of birth and doctorate award) are included in the calculation of median age whenever available. Beginning in 2015, if birth month is missing, the month value is randomly imputed. Prior to 2015, the missing month value was assigned to the month the doctorate was received.

  - *Time to degree from bachelor's completion*. Months are included in the calculation of total time to degree. If months are missing, month values are assigned to the modal value for doctorate recipients who provide month of bachelor's completion and converted to the number of days corresponding to that month.

- ○ *Time to degree from graduate school entry*. Months are included in the calculation of graduate school time to degree. If months are missing in the calculation of graduate school time to degree, month values are assigned to the modal value for doctorate recipients who provided month of graduate entry. Reports published before 2004 reported a different time-to-degree measure: registered time to degree. Comparisons of graduate school time-to-degree data with pre-2004 registered time-to-degree data should be interpreted cautiously. For an explanation of registered time to degree, see the technical notes of any *Doctorate Recipients from U.S. Universities* published before 2004.

- ○ *Time to degree from doctoral program entry*. This variable was first included in 2015. Doctoral program entry is based on master's degree program entry if the master's degree was at the doctoral institution in the same fine field of study or if it was a prerequisite to the doctorate; otherwise, it is based on doctoral program entry. Months are included in the calculation of doctoral program time to degree. If the month of entry used in the calculation (master's degree program entry or doctoral program entry) was not reported, the entry month is assigned to the modal value for all cases that did report the entry month in the academic year the case was added to the doctoral records file (typically the academic year matching the graduation date of the case).

Definitions

- *Basic annual salary*. Annual salary expected to be earned from the doctorate recipient's principal job in the next year after receiving the doctorate, not including bonuses or additional compensation for summertime teaching or research.

- *Carnegie classification (institution categories)*. In this report, four types of doctorate-granting institutions identified in the figures and tabulations are defined according to the Carnegie classification scheme as updated in 2018: doctoral very high research, doctoral high research, doctoral/professional universities, and other universities (comprised of all other classifications). Institutions are classified according to their aggregate and per-capita levels of research activity, using indicators of research and development expenditures, staffing (including postdoctoral appointees and other nonfaculty research staff with doctorates), and doctoral conferrals in science and engineering and other fields.

- *Definite plans to stay in the United States.* A respondent is coded as having definite plans to stay in the United States if the reported postgraduation location was in the United States and the reported postgraduation plans for employment or postdoc were coded "definite."

- *Definite postgraduation plans*. The status of postgraduation plans is coded using the values from item B2 of the survey questionnaire, which indicate whether the doctorate recipient's postgraduation plans for employment or a postdoc position were definite at the time the survey was completed.

- *Field of study*. The SED collects data on over 1,600 fields of study which are grouped into 305 detailed fields, 66 major fields, and 16 broad fields. See table A-5 for a full listing of the SED-CIP codes and their alignment to the detailed, major, and broad fields of study in 2022. See table A-6 for the SED-CIP to historical SED-FOS crosswalk.

  Doctorate recipients report their fields of study and doctorate dissertation. Their choices may differ from departmental names. Field groupings may differ from those in other reports published by federal sponsors of the SED. The "general" field categories (e.g., "chemistry, general") include individuals who either received the doctorate in the general subject area or who did not indicate a particular specialty field. The "nec" or not elsewhere classified field categories (e.g., "chemistry nec") include individuals whose specified doctoral discipline either did not fit into aggregation within major fields or who reported the "other" CIP code (i.e., "chemistry, other").

- *Median age at doctorate*. One-half of the respondents received the doctorate at or before this age. A recipient's age is obtained by subtracting the month and year of birth from the month and year of doctorate.

- *Percentage with master's*. This variable is the percentage of doctorate recipients in a field who received a master's degree in any field before earning the doctorate.

- *Research doctorate.* A research doctoral degree is oriented toward preparing students to make original intellectual contributions in a field of study and is not primarily intended for the practice of a profession. Research doctorates require the completion of a dissertation or equivalent project.

- *Time to doctorate.* The time it takes to complete a doctoral degree is measured in three ways: (1) the time elapsed from completion of the baccalaureate to completion of the doctorate (total time to degree), (2) the time elapsed from the start of any graduate school program to completion of the doctorate (graduate school time to degree), and (3) the time elapsed from the start of the doctoral program. Time-to-doctorate measures herein are reported as medians. In 2017, the method for accounting for leap days changed to reflect the actual number leap days during the time period specified, rather than the prior method of adding 0.25 days to each year.

  - *Total time to degree.* This variable is the total elapsed time between the baccalaureate and the doctorate, including time not enrolled in school. It can be computed only for individuals whose baccalaureate year is known. Baccalaureate year is often obtained from commencement programs or doctorate institutions when not reported by the recipient.

  - *Graduate school time to degree.* This variable is the elapsed time from the initiation of graduate study, in any program or capacity at any university, and the award of the doctorate. This variable can be computed only for individuals who provided the year they started graduate school. If an individual did not respond to this question, which asks for the month and year of first entry into any graduate school, then values for graduate school month and year of entry are imputed from the month and year of entry into the most recent master's degree program or, if that is missing, the month and year of entry into the doctoral degree program. Months are included in the computation.

  - *Doctoral program time to degree.* This variable is either (1) the elapsed time from the master's degree program entry, if the master's degree was awarded at the doctoral institution and was in the same fine field as the doctorate or if the master's degree was a prerequisite to the doctoral program until doctorate completion; otherwise, it is (2) the elapsed time from the doctoral program entry until doctorate completion. This variable is only computed for academic year 2015 and later doctorates.

- *U.S. regions of employment*. This variable is used to classify the location of U.S. employment after award of the doctorate.

Midwest	Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, Wisconsin
Northeast	Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont
South	Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, West Virginia
West	Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming, American Samoa, Guam, Puerto Rico, Trust Territories, Virgin Islands

Technical Tables

Table A-1

Research degrees included in the Survey of Earned Doctorates: 2018−22

(Number and percent)

Research degree	Degree title	2018 Number	2018 Percent	2019 Number	2019 Percent	2020 Number	2020 Percent	2021 Number	2021 Percent	2022 Number	2022 Percent
All research doctorates		55,078	100.0	55,609	100.0	55,208	100.0	52,194	100.0	57,596	100.0
PhD	Doctor of Philosophy	54,129	98.3	54,707	98.4	54,253	98.3	51,381	98.4	56,779	98.6
EdD	Doctor of Education	571	1.0	473	0.9	487	0.9	475	0.9	497	0.9
DSc, ScD	Doctor of Science	92	0.2	92	0.2	68	0.1	28	0.1	36	0.1
DEng, DESc, DES	Doctor of Engineering or Engineering Science	21	*	43	0.1	54	0.1	21	*	19	*
DA	Doctor of Arts	5	*	1	*	1	*	0	0.0	1	*
DBA	Doctor of Business Administration	24	*	17	*	22	*	13	*	15	*
DMA	Doctor of Musical Arts	116	0.2	115	0.2	170	0.3	156	0.3	138	0.2
DDes	Doctor of Design	9	*	8	*	8	*	13	*	4	*
DPH	Doctor of Public Health	41	0.1	37	0.1	38	0.1	34	0.1	26	*
DHL	Doctor of Hebrew Letters	0	0.0	1	*	1	*	0	0.0	1	*
DME	Doctor of Music Education	0	0.0	1	*	2	*	2	*	0	0.0
DML	Doctor of Modern Languages	4	*	6	*	5	*	1	*	4	*
DNSc	Doctor of Nursing Science	0	0.0	2	*	5	*	0	0.0	4	*
ThD	Doctor of Theology	11	*	11	*	3	*	7	*	8	*
DFA	Doctor of Fine Arts	3	*	2	*	1	*	5	*	4	*
JSD, SJD	Doctor of Juridical Science	50	0.1	91	0.2	84	0.2	54	0.1	57	0.1
STD	Doctor of Sacred Theology	0	0.0	1	*	2	*	2	*	2	*
JCD	Doctor of Canon Law	2	*	1	*	4	*	2	*	1	*

* = value between 0.00% and 0.05%.

Note(s):
Due to rounding, percentages may not sum to 100.

Source(s):
National Center for Science and Engineering Statistics, Survey of Earned Doctorates.

Table A-2

Survey response rates: 1970–2022

(Percent)

Year	Response rate
1970	98.1
1971	97.5
1972	97.3
1973	97.5
1974	94.2
1975	97.3
1976	97.2
1977	96.6
1978	96.3
1979	96.4
1980	96.2
1981	95.7
1982	95.3
1983	95.5
1984	95.1
1985	94.8
1986	93.5
1987	93.1
1988	92.9
1989	92.3
1990	93.6
1991	94.6
1992	95.1
1993	94.7
1994	94.6
1995	94.2
1996	93.0
1997	91.6
1998	91.9
1999	91.9
2000	92.4
2001	92.7
2002	91.3
2003	91.6
2004	91.3
2005	92.1
2006	93.1
2007	91.7
2008	92.3
2009	92.6
2010	93.0
2011	92.9
2012	92.5
2013	92.0
2014	90.6
2015	90.3
2016	92.0
2017	91.4
2018	92.2
2019	92.2
2020	92.2

Table A-2

Survey response rates: 1970–2022

(Percent)

Year	Response rate
2021	91.6
2022	91.6

Note(s):
Rates for 1970–2021 include late responses. Rate for 2022 may increase slightly in the next year if additional survey completions are submitted after survey closure.

Source(s):
National Center for Science and Engineering Statistics, Survey of Earned Doctorates.

Table A-3

Item response rates: 2013−22

(Percent)

Variable name	Variable description	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
AADEGRN	Number of associate's degrees received	na	na	na	na	90.3	93.5	93.6	93.7	93.7	93.0
AAEMONTH	First associate's degree start month	na	na	na	na	96.9	96.2	95.2	96.0	97.1	96.9
AAEYEAR	First associate's degree start year	na	na	na	na	97.6	96.3	95.8	96.5	98.2	98.3
AAFIELD	First associate's degree field − SED historical FOS code	na	na	na	na	85.0	94.4	95.1	95.0	98.7	98.2
AAFIELDCIP	First associate's degree field − SED CIP code	na	na	na	na	na	na	na	na	98.7	98.2
AAINST	First associate's degree institution (IPEDS code)	na	na	na	na	93.4	92.0	97.6	98.4	95.7	96.2
AAMONTH	First associate's degree month	na	na	na	na	97.6	96.7	95.9	96.5	96.9	96.5
AANID	First associate's degree institution (NCSES institution code)	na	na	na	na	93.3	92.0	97.6	98.4	95.7	96.2
AAYEAR	First associate's degree year	na	na	na	na	98.3	97.0	96.7	97.1	99.5	100.0
AGEDOC	Age at doctorate	na	na	92.1	94.1	94.6	95.1	94.8	94.4	93.4	93.2
AMERIND	American Indian or Alaska Native race indicator	91.9	90.2	91.0	93.0	92.8	93.2	93.3	93.2	92.2	92.2
ASIAN	Asian race indicator	91.9	90.2	91.0	93.0	92.8	93.2	93.3	93.2	92.2	92.2
BA2EMONTH	Most recent baccalaureate start month	na	na	na	na	89.9	92.3	94.4	94.4	98.6	98.6
BA2EYEAR	Most recent baccalaureate start year	na	na	na	na	90.2	92.3	94.6	94.4	99.1	99.2
BA2FIELD	Most recent baccalaureate degree field − SED historical FOS code	na	na	na	na	89.7	91.6	94.4	94.2	98.2	98.4
BA2FIELDCIP	Most recent baccalaureate field − SED CIP code	na	na	na	na	na	na	na	na	98.2	98.4
BA2INST	Most recent baccalaureate institution (IPEDS code)	na	na	na	na	88.5	90.5	94.5	95.0	96.9	98.0
BA2MONTH	Most recent baccalaureate month	na	na	na	na	90.0	92.4	94.4	94.5	98.6	98.5
BA2NID	Most recent baccalaureate institution (NCSES institution code)	na	na	na	na	88.5	90.5	94.5	95.0	96.9	98.0
BA2YEAR	Most recent baccalaureate year	na	na	na	na	90.4	92.6	94.7	94.6	99.7	100.0
BADBLFIELD	First baccalaureate double major field − SED historical FOS code	na	na	na	na	96.4	98.4	98.7	98.6	99.6	99.8
BADBLFIELDCIP	First baccalaureate double major field − SED CIP code	na	na	na	na	na	na	na	na	99.6	99.8
BADBLMAJ	First baccalaureate double major indicator	na	na	na	na	89.5	91.0	91.1	91.1	90.0	90.0
BADEGRN	Number of bachelor's degrees received	na	na	na	na	91.1	98.4	99.0	98.6	97.0	96.5
BAEMONTH	First baccalaureate start month	na	87.0	87.0	89.0	89.6	90.7	90.7	90.8	89.7	89.6
BAEYEAR[a]	First baccalaureate start year	88.8	87.3	87.3	89.4	89.7	90.7	90.7	90.7	90.1	90.1
BAFIELD	First baccalaureate field − SED historical FOS code	89.5	87.9	87.9	89.7	90.4	90.7	90.9	90.9	90.4	90.2
BAFIELDCIP	First baccalaureate field − SED CIP code	na	na	na	na	na	na	na	na	90.4	90.2
BAINST	First baccalaureate institution (IPEDS code)	92.2	90.2	91.0	92.9	93.6	94.4	95.5	94.6	93.9	94.0
BAMONTH	First baccalaureate month	89.2	87.7	87.6	89.4	89.7	90.8	90.8	90.9	89.7	89.6
BANID	First baccalaureate institution (NCSES institution code)	92.2	90.2	91.0	92.9	93.6	94.4	95.5	94.6	93.9	94.0
BANONE[b]	No bachelor's and/ or master's degree indicator	20.4	21.4	21.7	22.4	85.5	91.7	91.8	91.8	92.3	92.1
BAPLCD	First baccalaureate institution location	92.2	90.2	91.0	92.9	93.6	94.4	95.5	94.6	93.9	94.0
BASAME	First baccalaureate SED-CIP based broad FOS is same as doctorate SED-CIP based broad FOS	na	na	na	na	na	na	na	na	90.5	90.2
BAYEAR	First baccalaureate year	92.3	90.3	90.8	93.1	94.4	94.9	95.4	94.9	95.1	94.7
BIRTHMO	Month of birth	92.5	90.7	91.6	93.2	93.9	94.6	94.4	93.9	92.8	92.7
BIRTHPLCD	Place of birth	93.5	91.9	92.1	94.5	95.1	96.0	96.5	96.7	94.7	94.1
BIRTHYR	Year of birth	93.1	91.3	92.1	94.1	94.5	95.1	94.8	94.4	93.4	93.2
BLACK	Black race indicator	91.9	90.2	91.0	93.0	92.8	93.2	93.3	93.2	92.2	92.2
CITIZ	Type of citizenship	94.2	92.3	93.3	95.2	95.4	96.1	96.3	95.9	95.1	95.4
CITIZPLCD[c]	Country of citizenship	93.8	92.1	93.1	94.8	95.0	95.2	95.2	95.2	94.3	94.4
DDSDEG	Earned a professional dental degree	88.8	87.6	87.9	88.3	88.6	89.7	89.4	89.2	88.8	89.5

Table A-3

Item response rates: 2013−22

(Percent)

Variable name	Variable description	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
DDSSTUDY	Earning a professional dental degree	88.8	87.6	87.9	88.3	88.6	89.7	89.4	89.2	88.8	89.5
DEPEND18	Number of dependents-ages 6−18	89.5	88.4	88.3	89.7	90.1	90.8	90.7	90.8	89.8	89.6
DEPEND19	Number of dependents-ages 19 and older	89.5	88.4	88.3	89.7	90.1	90.8	90.7	90.8	89.8	89.6
DEPEND5	Number of dependents-ages 5 or younger	89.5	88.4	88.3	89.7	90.1	90.8	90.7	90.8	89.8	89.6
DIFAGE	Earliest age experienced difficulties	90.8	89.4	89.4	90.9	89.9	90.4	90.5	90.3	88.8	88.5
DIFCOGN	Degree of difficulty concentrating, remembering, or making decisions	91.0	89.6	89.6	91.1	90.1	90.6	90.7	90.5	89.1	88.9
DIFHEAR	Degree of difficulty hearing	91.0	89.6	89.6	91.1	90.1	90.6	90.7	90.5	89.1	88.9
DIFLIFT	Degree of difficulty lifting	91.0	89.6	89.6	91.1	90.1	90.6	90.7	90.5	89.1	88.9
DIFSEE	Degree of difficulty seeing	91.0	89.6	89.6	91.1	90.1	90.6	90.7	90.5	89.1	88.9
DIFWALK	Degree of difficulty walking	91.0	89.6	89.6	91.1	90.1	90.6	90.7	90.5	89.1	88.9
DISABILITY2	Moderate or greater degree of difficulty in any domain	91.0	89.6	89.6	91.1	90.1	90.6	90.7	90.5	89.1	88.9
DOCCODE	Type of doctorate	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
EDFATHER	Father/ male guardian's education	90.0	88.6	88.4	89.9	89.9	89.4	88.7	88.5	87.1	87.1
EDMOTHER	Mother/ female guardian's education	90.1	88.6	88.5	89.9	90.0	89.8	89.3	89.1	87.7	87.7
GDEBTLVL	Graduate debt level	89.7	88.2	90.1	93.1	92.3	92.7	93.4	93.5	92.6	91.7
GEMONTH	Month of graduate program entry	88.5	90.1	89.7	90.7	90.3	92.0	92.0	92.0	91.8	91.8
GEYEAR	Year of graduate program entry	88.7	90.3	89.9	90.9	90.4	92.0	92.0	92.1	91.9	91.9
HAWAIIAN	Native Hawaiian or Other Pacific Islander race indicator	91.9	90.2	91.0	93.0	92.8	93.2	93.3	93.2	92.2	92.2
HISPANIC	Hispanic origin indicator	92.1	90.3	91.5	93.0	93.7	94.7	94.7	94.6	93.6	93.3
HSPLCD	Place of high school	91.2	89.7	89.5	91.6	90.1	90.5	90.7	97.3	96.1	95.4
JRCOLL	Junior college indicator	92.6	91.1	90.8	93.4	93.2	93.8	94.1	94.3	93.0	92.2
MA1CRED	Credits from first master's degree counted toward doctoral degree	na	na	na	na	97.6	99.5	99.4	99.9	99.7	99.9
MA1EMONTH	First master's degree start month	na	na	na	na	99.6	98.9	98.5	98.3	98.5	98.3
MA1EYEAR	First master's degree start year	na	na	na	na	99.7	99.0	98.7	98.3	99.2	99.2
MA1FIELD	First master's degree field − SED historical FOS code	na	na	na	na	99.4	98.8	98.8	98.5	99.5	99.2
MA1FIELDCIP	First master's degree field − SED CIP code	na	na	na	na	na	na	na	na	99.5	99.2
MA1INST	First master's degree institution (IPEDS code)	na	na	na	na	97.9	97.8	98.8	98.4	94.1	98.6
MA1MONTH	First master's degree month	na	na	na	na	99.8	98.9	98.7	98.4	98.2	97.8
MA1NID	First master's degree institution (NCSES institution code)	na	na	na	na	97.9	97.8	98.8	98.4	94.1	98.6
MA1PART	First master's degree was required for doctoral program	na	na	na	na	98.4	99.4	99.1	98.6	99.4	99.1
MA1YEAR	First master's degree year	na	na	na	na	99.9	99.0	98.9	98.4	99.9	99.9
MACRED	Credits from most recent master's degree counted toward doctoral degree	na	na	na	na	99.2	99.8	99.9	99.9	99.9	99.9
MADEGRN	Number of master's degrees received	na	na	na	na	99.3	93.8	94.0	94.1	92.3	92.1
MAEMONTH	Most recent master's degree start month	na	67.8	67.5	68.7	87.8	88.6	88.8	88.8	88.7	88.4
MAEYEAR[b]	Most recent master's degree start year	na	68.0	67.7	68.9	87.9	88.7	88.8	88.8	89.1	88.9
MAFIELD	Most recent master's degree field − SED historical FOS code	70.1	68.6	68.3	69.3	87.9	88.7	88.8	89.0	89.4	89.0
MAFIELDCIP	Most recent master's degree field − SED CIP code	na	na	na	na	na	na	na	na	89.4	89.0
MAINST	Most recent master's degree institution (IPEDS code)	70.0	68.5	68.0	69.2	88.2	88.3	88.9	89.0	88.9	88.6
MAMONTH	Most recent master's degree month	69.9	68.3	68.0	69.1	87.9	88.7	88.9	88.9	88.5	88.3
MANID[b]	Most recent master's degree institution (NCSES institution code)	70.0	68.5	68.0	69.2	88.2	88.3	88.9	89.0	88.9	88.6

Table A-3

Item response rates: 2013−22

(Percent)

Variable name	Variable description	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
MAPART	Most recent master's degree was required for doctoral program	na	na	na	na	87.6	88.5	88.8	88.9	89.0	88.7
MARITAL	Marital status	90.4	89.0	88.9	90.5	90.3	90.9	90.8	90.8	89.9	89.7
MASAME	First master's SED-CIP based broad FOS is same as doctorate SED-CIP based broad FOS	na	na	na	na	na	na	na	na	89.4	89.0
MAYEAR	Most recent master's degree year	70.3	68.7	68.2	69.4	88.8	88.8	89.1	89.0	89.9	89.5
MDDEG	Earned a professional medical degree	88.8	87.6	87.9	88.3	83.7	89.6	89.4	89.2	88.8	89.5
MDSTUDY	Earning a professional medical degree	88.8	87.6	87.9	88.3	83.7	89.6	89.4	89.2	88.8	89.5
MEDDENT	Additional professional medical or dental degree	90.4	89.1	89.2	90.5	90.6	91.5	91.5	91.5	90.8	90.8
MSPREREQ	Prerequisite master's degree for doctoral program	90.7	89.2	89.1	90.8	88.0	89.0	89.0	89.0	89.1	88.9
PDEMPLOY	Postgraduation employer type	99.0	99.5	99.3	98.1	99.7	98.8	98.8	98.8	99.0	98.8
PDFACULTY	Employment in faculty position	na	na	na	na	na	61.2	63.9	63.3	57.9	57.2
PDFORGN[b]	Postgraduation affiliation with a non-U.S. college or university	3.7	3.4	3.1	3.2	89.0	90.5	90.6	90.6	90.1	89.8
PDOCCODE[b]	Postgraduation institution affiliation in the U.S. (IPEDS code)	28.4	26.7	26.1	26.4	78.9	87.1	89.2	90.2	89.4	89.2
PDOCNID[b]	Postgraduation institution affiliation in the U.S. (NCSES institution identification code)	28.4	26.7	26.1	26.4	78.9	87.1	89.2	90.2	89.4	89.2
PDOCPLAN	Postgraduation plans	92.5	91.7	91.5	95.2	97.6	99.8	99.9	99.9	99.9	99.8
PDOCSTAT	Postgraduation status	90.8	89.3	89.3	90.9	90.8	91.4	91.4	91.4	90.9	90.7
PDPLCD	Postgraduation location	91.6	90.0	90.0	92.2	92.4	93.1	93.2	92.8	92.4	91.9
PDSAMEEMP[b]	Postgraduation employer was employer before or during doctoral studies	na	na	na	na	6.9	51.3	55.4	55.2	52.7	55.5
PDSAMEPOSEMP	Employment in same position with same employer worked during doctoral studies	na	na	na	na	na	95.4	99.8	99.7	na	na
PDSEEKNEWEMP	Postgraduation plan to seek new employment	na	na	na	na	na	99.5	99.1	99.5	na	na
PDSTDSUP	Postdoctoral study support	96.7	97.5	97.8	95.5	96.9	97.0	96.5	96.8	96.8	98.1
PDUSFOR	Postgraduation location: U.S. or foreign	91.6	90.0	90.0	92.2	92.4	93.1	93.2	92.8	92.4	91.9
PDWK1ED	Edited primary work activity	90.7	90.8	90.5	91.3	97.7	98.6	98.8	98.7	98.8	98.6
PDWK2ED	Edited secondary work activity	50.2	49.8	49.4	50.6	93.2	96.5	96.8	96.9	97.5	97.2
PDWKPRIM	Primary work activity	90.7	90.8	90.5	91.3	97.7	98.6	98.8	98.7	98.8	98.6
PDWKSEC	Secondary work activity	50.2	49.8	49.4	50.6	93.2	96.5	96.8	96.9	97.5	97.2
PHDCY	Calendar year of doctorate	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
PHDDISS	Dissertation field - SED historical FOS code	91.6	90.2	90.0	91.6	91.1	91.6	91.4	91.5	91.6	91.5
PHDDISS2[b]	Secondary dissertation field – SED historical FOS code	36.2	35.0	35.0	41.0	86.7	89.9	90.1	90.2	90.6	91.2
PHDDISS2CIP	Secondary dissertation field – SED CIP code	na	na	na	na	na	na	na	na	90.6	91.2
PHDDISSCIP	Dissertation field – SED CIP code	na	na	na	na	na	na	na	na	91.6	91.5
PHDEMONTH	Doctoral program start month	na	89.6	89.6	91.2	91.3	91.7	91.8	91.7	91.7	91.6
PHDEYEAR[d]	Doctoral program start year	90.9	89.9	89.7	91.4	91.3	91.7	91.8	91.8	91.6	91.6
PHDFIELD	Doctoral field – SED historical FOS code	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
PHDFIELDCIP	Doctoral field – SED CIP code	na	na	na	na	na	na	na	na	100.0	100.0
PHDFY	Fiscal year of doctorate	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
PHDINST	Doctoral institution (IPEDS code)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
PHDMONTH	Month of doctorate	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
PHDNID	Doctoral institution (NCSES institution code)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
POSTDOC	Intention to take postdoc position	91.1	89.6	89.6	91.5	na	na	na	na	na	na
PROFDEG[b]	Type of professional doctorate	0.8	0.9	1.0	1.0	96.0	100.0	100.0	100.0	100.0	99.9
PROFEARN	Earned or earning a professional doctoral degree	na	na	na	na	90.7	91.5	91.5	91.5	90.8	90.8
PROFEMONTH	Professional doctorate start month	na	na	na	na	99.7	99.3	99.4	99.6	90.1	93.4

Table A-3

Item response rates: 2013−22

(Percent)

Variable name	Variable description	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
PROFEYEAR	Professional doctorate start year	na	na	na	na	99.8	99.1	99.4	99.7	90.2	93.3
PROFINST	Professional doctorate institution (IPEDS code)	na	na	na	na	98.0	98.2	98.5	99.6	96.5	97.7
PROFMONTH	Professional doctorate month	na	na	na	na	99.8	99.2	99.4	99.5	98.5	98.8
PROFNID	Professional doctorate institution (NCSES institution code)	na	na	na	na	99.2	98.2	98.5	99.6	96.5	97.7
PROFYEAR[b]	Professional doctorate year	0.8	0.9	0.9	1.0	99.7	99.0	99.4	99.6	99.6	99.5
QUESTMON	Month of survey completion	na	na	90.0	92.0	93.2	92.2	92.2	92.2	91.6	91.6
QUESTYR	Year of survey completion	92.0	90.6	90.3	92.0	93.4	92.2	92.2	92.2	91.6	91.6
RACE	Edited race or ethnicity code	93.2	91.4	92.4	94.3	94.6	95.5	95.7	95.5	95.1	94.9
RACE2	Edited ethnicity or race code (NSF-revised)	93.2	91.4	92.4	94.3	94.9	95.5	95.7	95.5	95.1	94.9
SALARYR	Range of expected basic annual salary	87.6	88.7	88.7	89.3	97.3	96.3	96.3	96.1	96.1	96.1
SALARYV	Expected basic annual salary	36.8	76.9	83.9	85.5	94.2	93.2	93.1	93.5	92.8	93.0
SALMONTH	Number of months expected basic annual salary covers	88.7	89.0	88.9	89.1	95.2	96.5	96.4	96.3	96.9	97.1
SEEKEMPBUS	Seeking or negotiating position in business or industry	na	na	na	na	na	98.8	98.9	98.8	98.8	98.8
SEEKEMPCHOICE	Top choice of employer seeking or negotiating	na	na	na	na	na	97.7	97.7	97.5	97.6	98.2
SEEKEMPEDU	Seeking or negotiating position at an educational institution	na	na	na	na	na	98.8	98.9	98.8	98.8	98.8
SEEKEMPGOV	Seeking or negotiating position in government	na	na	na	na	na	98.8	98.9	98.8	98.8	98.8
SEEKEMPNPO	Seeking or negotiating position in nonprofit organization	na	na	na	na	na	98.8	98.9	98.8	98.8	98.8
SEEKEMPOTHR	Seeking or negotiating position in other sector	na	na	na	na	na	98.8	98.9	98.8	98.8	98.8
SEEKEMPSTAT	Employment status while seeking or negotiating employment	na	na	na	na	na	98.9	98.9	98.9	98.8	98.7
SEEKPOSEMP	Seeking or negotiating an employment position other than a postdoc	na	na	na	na	na	99.0	99.0	99.0	98.9	98.9
SEEKPOSOTHR	Seeking or negotiating other position	na	na	na	na	na	99.0	99.0	99.0	98.9	98.9
SEEKPOSPDOC	Seeking or negotiating a postdoc position	na	na	na	na	na	99.0	99.0	99.0	98.9	98.9
SEX	Sex of doctorate recipient	100.0	99.7	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0
SRCE1ED	Edited primary source of support	90.7	89.7	89.5	91.2	90.0	90.7	90.6	90.7	90.2	90.2
SRCEPRIM	Primary source of support	90.7	89.7	89.5	91.2	90.0	90.7	90.6	90.7	90.2	90.2
SRCESEC	Secondary source of support	79.6	79.2	78.8	83.0	78.5	80.1	80.4	86.1	88.6	88.4
TICEPHD	Time in from college entry to doctorate	88.8	87.3	87.3	89.4	89.7	90.7	90.7	90.7	90.1	90.1
TOBAGE	Time out between baccalaureate to graduate school entry	87.2	87.2	87.2	88.5	87.4	88.5	88.6	88.5	87.3	87.1
TTDBAPHD	Total time elapsed from baccalaureate to doctorate	92.3	90.3	90.8	93.1	94.4	94.9	95.4	94.8	95.1	94.6
TTDDOC	Total elapsed time in doctorate	na	89.9	89.8	91.5	91.3	91.6	91.7	91.7	91.6	91.6
TTDGEPHD	Total time elapsed from graduate entry to doctorate	88.7	90.3	89.9	90.9	90.3	92.0	92.0	92.1	91.9	91.8
TUITREMS	Tuition remission-full or partial	91.2	90.0	89.8	91.4	91.0	91.7	91.6	91.6	91.3	91.2
UDEBTLVL	Undergraduate debt level	86.1	84.7	90.9	93.7	92.6	93.1	93.4	93.5	92.6	91.8
WHITE	White race indicator	91.9	90.2	91.0	93.0	92.8	93.2	93.3	93.2	92.2	92.2
YRSCOURS	Years of doctoral coursework	90.4	89.0	89.0	90.5	89.8	na	na	na	na	na
YRSDISST	Years preparing doctorate dissertation	90.5	89.0	89.0	90.5	89.7	na	na	na	na	na
YRSNOTWRK	Years not working on doctoral degree	90.8	89.2	89.2	90.8	90.9	na	na	na	na	na

na = not applicable; data either were not collected or derived, or were collected for the first time in that year (see "Notes").

CIP = Classification of Instructional Programs; FOS = field of study; IPEDS = Integrated Postsecondary Education Data System; NCSES = National Center for Science and Engineering Statistics; SED = Survey of Earned Doctorates.

[a] Methodology reports prior to 2014 reported BAEYEAR as CEYEAR.

[b] Logical skip edits to correct the universe of eligible respondents led to higher item response rates in the year it was implemented.

[c] Response rate counts respondents who reported being U.S. citizens or permanent residents or temporary visa holders and provided country of citizenship.

[d] Methodology reports prior to 2014 reported PHDEYEAR as PHDENTRY.

Note(s):
Item response rate is the percentage of cases providing data on an item divided by the universe of doctorate recipients eligible to answer that item. For most data items, all doctorate recipient respondents are in the universe of eligible respondents. For some data items introduced in the survey for the first time, not all eligible respondents were able to provide data because they completed earlier versions of the survey, leading to lower response rates.

Source(s):
National Center for Science and Engineering Statistics, Survey of Earned Doctorates.

Table A-4

SED field of doctorate taxonomy, by SED-CIP series/codes: 2022

(Field)

Field of doctorate	Field level[a]	SED-CIP series/ codes
Science and engineering	Area	see below
Agricultural sciences and natural resources	Broad	Most of 01, 03 (see below)
Agricultural, animal, plant, and veterinary sciences	Major	01
Agronomy and crop science	Detailed	01.1102
Animal sciences	Detailed	01.09
Food science and technology	Detailed	01.10
Plant sciences	Detailed	01.11 except 01.1102
Soil sciences	Detailed	01.12
Veterinary biomedical and clinical sciences	Detailed	01.80, 01.81, 01.83, 01.1302, 01.1399
Agricultural, animal, plant, and veterinary sciences nec	Detailed	all other 01 except 01.0103, 01.05, 01.82
Natural resources and conservation	Major	all 03 except 03.0204
Environmental science	Detailed	03.0104
Environmental/ natural resources management and policy	Detailed	all 03.02 except 03.0204
Forestry	Detailed	03.05
Natural resources conservation and research	Detailed	all 03.01 except 03.0104
Natural resources and conservation nec	Detailed	03.03, 03.06, 03.99
Biological and biomedical sciences	Broad	26
Biochemistry, biophysics, and molecular biology	Major	26.02
Biochemistry	Detailed	26.0202
Biochemistry and molecular biology	Detailed	26.0210
Biophysics	Detailed	26.0203, 26.0203b, 26.0206
Molecular biology	Detailed	26.0204
Biochemistry, biophysics, and molecular biology nec	Detailed	all other 26.02
Bioinformatics, biostatistics, and computational biology	Major	26.11
Bioinformatics	Detailed	26.1103
Biostatistics	Detailed	26.1102
Computational biology	Detailed	26.1104
Bioinformatics, biostatistics, and computational biology nec	Detailed	all other 26.11
Cell/ cellular biology and anatomy	Major	26.04
Cell/ cellular and molecular biology	Detailed	26.0406
Developmental biology and embryology	Detailed	26.0404
Cell/ cellular biology and anatomy nec	Detailed	all other 26.04
Ecology, evolutionary biology, and epidemiology	Major	26.13 except 26.1302
Ecology	Detailed	26.1301
Ecology and evolutionary biology	Detailed	26.1310, 26.1399b
Epidemiology	Detailed	26.1309
Epidemiology and biostatistics	Detailed	26.1311
Evolutionary biology	Detailed	26.1303
Ecology, evolutionary biology, and epidemiology nec	Detailed	all other 26.13 except 26.1302
Genetics and genomics	Major	26.08
Genetics, general	Detailed	26.0801
Genome sciences and genomics	Detailed	26.0807
Human/ medical genetics	Detailed	26.0806
Molecular genetics	Detailed	26.0802
Genetics and genomics nec	Detailed	all other 26.08

Table A-4

SED field of doctorate taxonomy, by SED-CIP series/codes: 2022

(Field)

Field of doctorate	Field level[a]	SED-CIP series/ codes
Microbiology and immunology	Major	26.05
Immunology	Detailed	26.0507
Microbiology and immunology	Detailed	26.0508
Microbiology, general	Detailed	26.0502
Virology	Detailed	26.0504
Microbiology and immunology nec	Detailed	all other 26.05
Neurobiology and neurosciences	Major	26.15
Cognitive neuroscience	Detailed	26.1599b
Neurobiology	Detailed	26.1503, 26.1504
Neuroscience	Detailed	26.1501
Neurobiology and neurosciences nec	Detailed	all other 26.15
Pharmacology and toxicology	Major	26.10
Pharmacology	Detailed	26.1001
Toxicology	Detailed	26.1004, 26.1005, 26.1006
Pharmacology and toxicology nec	Detailed	all other 26.10
Physiology, oncology, and cancer biology	Major	26.09
Biomechanics	Detailed	26.0913
Exercise physiology and kinesiology	Detailed	26.0908
Oncology and cancer biology	Detailed	26.0911
Physiology, general	Detailed	26.0901
Physiology, oncology, and cancer biology nec	Detailed	all other 26.09
Biological and biomedical sciences, other	Major	all other 26
Biology/ biological sciences, general	Detailed	26.0101, 26.0101b
Biomedical sciences, general	Detailed	26.0102
Botany and plant biology	Detailed	26.0301
Entomology	Detailed	26.0702, 26.0702b, 26.0702c
Plant pathology and phytopathology	Detailed	26.0305, 26.0305b
Plant physiology and biology nec	Detailed	all 26.03 except 26.0301, 26.0305
Zoology and animal biology	Detailed	all 26.07 except 26.0702
Biological and biomedical sciences nec	Detailed	26.1201, 26.1401, 26.9999
Computer and information sciences	Broad	11
Computer science	Major	11.07
Computer science	Detailed	11.07
Computer and information sciences, other	Major	all 11 except 11.07
Artificial intelligence	Detailed	11.0102
Computer and information sciences, general	Detailed	11.0101
Computer systems networking and telecommunications	Detailed	11.09, 11.10
Informatics and information technology	Detailed	11.0103, 11.0104, 11.0105
Information sciences/ studies	Detailed	11.04
Computer and information sciences nec	Detailed	11.0199, 11.02, 11.03, 11.05, 11.06, 11.08, 11.99
Engineering	Broad	14, most 15 (see below)
Biological, biomedical, and biosystems engineering	Major	14.05, 14.45, 15.0401
Bioengineering and biomedical engineering	Detailed	14.0501
Biological and biosystems engineering and biomedical technology	Detailed	14.4501, 15.0401
Chemical and petroleum engineering	Major	14.07, 14.25, 14.32, 14.40−14.44
Chemical and biomolecular engineering	Detailed	14.0702
Chemical engineering	Detailed	14.0701

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SED field of doctorate taxonomy, by SED-CIP series/codes: 2022

(Field)

Field of doctorate	Field level[a]	SED-CIP series/ codes
Petroleum engineering	Detailed	14.2501
Chemical and petroleum engineering nec	Detailed	14.0799, 14.3201, 14.40, 14.4314.44
Civil, environmental, and transportation engineering	Major	14.08, 14.1401, 14.3301, 14.3801, 14.3901
Civil engineering	Detailed	14.0801, 14.0899
Civil and environmental engineering	Detailed	14.0899b
Environmental/ environmental health engineering	Detailed	14.1401
Geotechnical and geoenvironmental engineering	Detailed	14.0802, 14.3901
Structural engineering	Detailed	14.0803
Transportation and highway engineering	Detailed	14.0804
Civil, environmental, and transportation engineering nec	Detailed	14.0401, 14.0805, 14.3301, 14.3801
Electrical and computer engineering	Major	14.09, 14.10, 14.47
Computer engineering	Detailed	14.09
Electrical and computer engineering	Detailed	14.4701
Electrical and electronics engineering	Detailed	14.1001
Electrical and computer engineering nec	Detailed	14.1003, 14.1004, 14.1099, 14.1099b
Engineering technologies	Major	all 15 except 15.0401, 15.0801, 15.1102, 15.15, 15.16
Electrical and electronic engineering technologies	Detailed	15.03
Electromechanical technologies	Detailed	15.04 except 15.0401
Environmental control technologies	Detailed	15.05
Engineering technologies nec	Detailed	all other 15 except 15.0801, 15.1102, 15.15, 15.16
Industrial engineering and operations research	Major	14.27, 14.35, 14.36, 14.37
Industrial engineering	Detailed	14.3501
Industrial and systems engineering	Detailed	14.3501b
Operations research	Detailed	14.37
Systems and manufacturing engineering	Detailed	14.2701, 14.3601
Materials and mining engineering	Major	14.0601, 14.18, 14.2001, 14.2101, 14.2801
Materials engineering	Detailed	14.1801
Materials science and engineering	Detailed	14.1801b
Materials and mining engineering nec	Detailed	14.0601, 14.2001, 14.2101, 14.2801
Mechanical engineering	Major	14.19, 14.41, 14.42
Mechanical engineering, general	Detailed	14.1901
Mechanical engineering nec	Detailed	14.4101, 14.4201
Engineering, other	Major	all other 14, 15.0801, 15.15, 15.16, 49.0101
Aerospace, aeronautical, astronautical, and space engineering	Detailed	14.02, 15.0801, 49.0101
Engineering mechanics, physics, and science	Detailed	14.11, 14.1201, 14.1301
Mechanical and aerospace engineering	Detailed	14.1901b
Nanotechnology	Detailed	15.1601
Nuclear engineering	Detailed	14.2301
Engineering nec	Detailed	14.01, 14.0301, 14.2201, 14.2401, 14.3401, 14.48, 14.99, 15.15, 49.0101
Geosciences, atmospheric, and ocean sciences	Broad	40.04, 40.06, 15.1102, 26.1302, 30.32, 30.35, 30.38, 30.41
Geological and earth sciences	Major	40.06, 15.1102, 30.38, 30.4101
Geochemistry	Detailed	40.0602, 40.0606
Geology	Detailed	40.0601c
Geology/ earth science, general	Detailed	40.0601, 40.0601b
Geophysics and seismology	Detailed	40.0603
Hydrology and water resources science	Detailed	40.0605
Geological and earth sciences nec	Detailed	40.0604, 40.0699, 15.1102, 30.38, 30.4101

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SED field of doctorate taxonomy, by SED-CIP series/codes: 2022

(Field)

Field of doctorate	Field level[a]	SED-CIP series/ codes
Ocean, marine, and atmospheric science	Major	40.04, 40.0607, 26.1302, 30.32, 30.35
Atmospheric sciences and meteorology, general	Detailed	40.0401
Climatology, atmospheric chemistry/ physics	Detailed	40.0402, 40.0403
Marine biology and biological oceanography	Detailed	26.1302
Marine sciences	Detailed	30.32
Oceanography, chemical/ physical	Detailed	40.0607
Atmospheric sciences and meteorology nec	Detailed	40.0404, 40.0499, 40.0499b, 30.3501
Health sciences	Broad	51, 31.0505
Nursing and nursing science	Major	51.3203, 51.38, 51.39
Nursing education	Detailed	51.3203
Nursing science	Detailed	51.3808
Nursing specialties and practice	Detailed	51.38, 51.39
Pharmacy and pharmaceutical sciences	Major	51.20
Medicinal and pharmaceutical chemistry	Detailed	51.2004
Pharmaceutical sciences	Detailed	51.2010
Pharmacy, pharmaceutical sciences, and administration nec	Detailed	all other 51.20
Public health	Major	51.22
Environmental health	Detailed	51.2202
Health services research	Detailed	51.2211b
Health/ medical physics	Detailed	51.2205
Public health education and promotion	Detailed	51.2207
Public health, general	Detailed	51.2201
Public health nec	Detailed	all other 51.22
Health sciences, other	Major	all other 51, 31.0505
Communication disorders sciences	Detailed	51.02
Exercise science and kinesiology	Detailed	31.0505
Health sciences, general	Detailed	51.00
Marriage and family therapy/ counseling	Detailed	51.1505
Medical clinical sciences	Detailed	51.14
Medical, biomedical, and health informatics	Detailed	51.27
Mental health, counseling, and therapy services and sciences	Detailed	51.15
Rehabilitation and therapeutic sciences	Detailed	51.23
Health sciences nec	Detailed	all other 51
Mathematics and statistics	Broad	27, 52.1304
Applied mathematics	Major	27.03, 52.1304
Applied mathematics, general	Detailed	27.0301
Computational and applied mathematics	Detailed	27.0303, 27.0304
Applied mathematics nec	Detailed	all other 27.03, 52.1304
Mathematics	Major	27.01
Algebra and number theory	Detailed	27.0102
Mathematics, general	Detailed	27.0101, 27.0101b
Mathematics nec	Detailed	all other 27.01
Statistics	Major	27.05, 27.06, 27.9999
Applied statistics, general	Detailed	27.0601
Mathematics and statistics	Detailed	27.0502, 27.0503, 27.9999
Statistics	Detailed	27.0501
Statistics nec	Detailed	27.0599, 27.0599b
Multidisciplinary/ interdisciplinary sciences	Broad	see below

Table A-4

SED field of doctorate taxonomy, by SED-CIP series/codes: 2022

(Field)

Field of doctorate	Field level[a]	SED-CIP series/ codes
Interdisciplinary computer sciences	Major	30.08, 30.16, 30.31, 30.39, 30.48, 30.9999b/d
Computer science and engineering	Detailed	30.9999d
Electrical engineering and computer science	Detailed	30.9999b
Interdisciplinary computer sciences nec	Detailed	30.0801, 30.1601, 30.3101, 30.3901, 30.4801
Multidisciplinary/ interdisciplinary sciences, other	Major	see below
Behavioral and cognitive sciences	Detailed	30.1701, 30.25
Computational science and engineering	Detailed	30.30
Data science and data analytics	Detailed	30.70 except 30.7099b, 30.71
Data mining and machine learning	Detailed	30.7099b
History/ philosophy of science, technology, and society	Detailed	30.1501, 54.0104
Nanoscience/ nanoscale science	Detailed	30.9999c
Nutrition sciences	Detailed	30.1901
Multidisciplinary/ interdisciplinary sciences nec	Detailed	30.01, 30.05, 30.06, 30.10, 30.18, 30.20, 30.21, 30.23, 30.26, 30.27, 30.33, 30.34, 30.37, 30.40, 30.42, 30.43, 30.44, 30.46, 30.49, 30.50, 30.51, 30.53, 30.9999e, 30.9999z
Physical sciences	Broad	all 40 except 40.04, 40.06
Astronomy and astrophysics	Major	40.02
Astronomy	Detailed	40.0201
Astrophysics	Detailed	40.0202
Astronomy and astrophysics nec	Detailed	40.0203, 40.0299, 40.0299b
Chemistry	Major	40.05
Analytical chemistry	Detailed	40.0502
Chemical biology	Detailed	40.0599b
Chemistry, general	Detailed	40.0501
Inorganic chemistry	Detailed	40.0503
Organic chemistry	Detailed	40.0504
Physical chemistry	Detailed	40.0506
Polymer chemistry	Detailed	40.0507
Theoretical and computational chemistry	Detailed	40.0511, 40.0511b
Chemistry nec	Detailed	all other 40.05
Materials sciences	Major	40.10
Materials sciences	Detailed	40.1001
Materials chemistry and materials sciences nec	Detailed	40.1002, 40.1099, 40.1099b
Physics	Major	40.01, 40.08, 40.11, 40.99
Applied physics	Detailed	40.0899b
Atomic/ molecular physics	Detailed	40.0802
Condensed matter and materials physics	Detailed	40.0808
Elementary particle physics	Detailed	40.0804
Nuclear physics	Detailed	40.0806
Optics/ optical sciences	Detailed	40.0807
Physics and astronomy	Detailed	40.1101
Physics, general	Detailed	40.0801
Plasma and high-temperature physics	Detailed	40.0805
Theoretical and mathematical physics	Detailed	40.0810
Physics and physical sciences nec	Detailed	all other 40.08, 40.0101, 40.99
Psychology	Broad	42, 19.0701, 19.0702, 19.0706
Clinical psychology	Major	42.2801, 42.2807
Clinical child psychology	Detailed	42.2807
Clinical psychology	Detailed	42.2801

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SED field of doctorate taxonomy, by SED-CIP series/codes: 2022

(Field)

Field of doctorate	Field level[a]	SED-CIP series/ codes
Counseling and applied psychology	Major	all 42.28 except 42.2801, 42.2807
Applied behavior analysis	Detailed	42.2814
Counseling psychology	Detailed	42.2803
Educational psychology	Detailed	42.2806, 42.2806b
Industrial and organizational psychology	Detailed	42.2804
School psychology	Detailed	42.2805, 42.2805b
Counseling and applied psychology nec	Detailed	all other 42.28
Research and experimental psychology	Major	42.27
Behavioral neuroscience	Detailed	42.2706
Cognitive psychology and psycholinguistics	Detailed	42.2701
Developmental and child psychology	Detailed	42.2703
Experimental psychology	Detailed	42.2704
Social psychology	Detailed	42.2707
Research and experimental psychology nec	Detailed	all other 42.27
Psychology, other	Major	42.01, 42.99, 19.0701, 19.0702, 19.0706
Human development	Detailed	19.0701, 19.0702, 19.0706
Psychology, general	Detailed	42.0101
Psychology nec	Detailed	42.9999
Social sciences	Broad	45, 01.0103, 03.0204, 05, 16.0102, 16.0105, 16.0199, 30.47, 43.0104, 44.05
Anthropology	Major	45.02
Anthropology, general	Detailed	45.0201
Cultural anthropology	Detailed	45.0204
Physical and biological anthropology	Detailed	45.0202
Anthropology nec	Detailed	all other 45.02
Area, ethnic, cultural, gender, and group studies	Major	05
Area studies	Detailed	05.01
Ethnic studies	Detailed	05.0200–05.0206
Area, ethnic, cultural, gender, and group studies nec	Detailed	05.0207–05.0212, 05.0299, 05.9999
Economics	Major	45.06, 01.0103, 03.0204
Agricultural economics	Detailed	01.0103
Applied economics	Detailed	45.0602
Development economics and international development	Detailed	45.0604
Econometrics and quantitative economics	Detailed	45.0603
Economics, general	Detailed	45.0601
Environmental/ natural resource economics	Detailed	45.0602b, 03.0204
Economics nec	Detailed	all other 45.06
Political science and government	Major	45.10
Political science and government, general	Detailed	45.1001
Political science and government nec	Detailed	all other 45.10
Public policy analysis	Major	44.05
Education policy analysis	Detailed	44.0502
Health policy analysis	Detailed	44.0503
Public policy analysis, general	Detailed	44.0501
Public policy nec	Detailed	all other 44.05
Sociology, demography, and population studies	Major	45.05, 45.11
Sociology, general	Detailed	45.1101
Sociology, demography, and population studies nec	Detailed	all other 45.11, 45.05

Table A-4

SED field of doctorate taxonomy, by SED-CIP series/codes: 2022

(Field)

Field of doctorate	Field level[a]	SED-CIP series/ codes
Social sciences, other	Major	all other 45, 16.0102, 16.0105, 16.0199, 30.11, 30.4701, 43.0104
Applied linguistics	Detailed	16.0105, 16.0199
Archeology	Detailed	45.0301, 45.0301b
Criminology	Detailed	45.0401
Geography and cartography	Detailed	45.07
International relations and national security studies	Detailed	45.09
Linguistics	Detailed	16.0102
Social sciences nec	Detailed	45.01, 45.1201, 45.1301, 45.1501, 45.9999, 43.0104, 30.11, 30.4701
Non-science and engineering	Area	see below
Business	Broad	52, 49.0104
Business administration and management	Major	52.02, 49.0104
Business management and administration	Detailed	52.0201
Organizational leadership	Detailed	52.0213
Business administration and management nec	Detailed	all other 52.02, 49.0104
Business, other	Major	all other 52
Accounting and accounting-related	Detailed	52.03
Finance and financial management	Detailed	52.08
Management information systems	Detailed	52.12
Management sciences	Detailed	52.0601, 52.13
Marketing	Detailed	52.14
Organizational behavior studies	Detailed	52.1003
Business nec	Detailed	all other 52
Education	Broad	13
Education leadership and administration	Major	13.04
Educational leadership and administration, general	Detailed	13.0401
Higher education and community college administration	Detailed	13.0406, 13.0407
Education leadership and administration nec	Detailed	all other 13.04
Education research	Major	13.03, 13.05−13.07, 13.09, 13.11
Curriculum and instruction	Detailed	13.0301
Educational assessment, evaluation, and research methods	Detailed	13.0601, 13.0603, 13.0604, 13.0607, 13.0699
Educational/ instructional technology and media design	Detailed	13.05
Higher education evaluation and research	Detailed	13.0608, 13.0699b
Student counseling and personnel services	Detailed	13.11
Education research nec	Detailed	13.07, 13.09
Teacher education	Major	13.02, 13.12, 13.10, 13.13, 13.14
Adult, continuing, and workforce education and development	Detailed	13.1201, 13.1201b
Bilingual, multilingual, and multicultural education	Detailed	13.02
Mathematics teacher education	Detailed	13.1311
Music teacher education	Detailed	13.1312
Special education and teaching	Detailed	13.10
STEM educational methods	Detailed	13.1213
Teacher education, science and engineering	Detailed	13.1301, 13.1316, 13.1317, 13.1321−13.1323, 13.1329, 13.1332, 13.1335, 13.1337, 13.1338
Teacher education, specific levels and methods	Detailed	all 13.12 except 13.1201, 13.1201b, 13.1213

Table A-4

SED field of doctorate taxonomy, by SED-CIP series/codes: 2022

(Field)

Field of doctorate	Field level[a]	SED-CIP series/ codes
Teacher education, specific subject areas	Detailed	all other 13.13, 13.14
Education, other	Major	13.01, 13.15, 13.99
Education, general	Detailed	13.0101
Education nec	Detailed	13.15, 13.9999
Humanities	Broad	23, 24.0103, 24.0199, 38, 39, 54, all 16 except 16.0102, 16.0105, 16.0199, 16.12
English language and literature, letters	Major	23
American literature (United States)	Detailed	23.1402, 23.1402b
Creative writing	Detailed	23.1302
English language and literature, general	Detailed	23.0101
English literature (British and Commonwealth)	Detailed	23.1404
Rhetoric and composition, and writing studies	Detailed	all other 23.13
English language and literature nec	Detailed	all other 23.14, 23.99
Foreign languages, literatures, and linguistics	Major	all 16 except 16.0102, 16.0105, 16.0199, 16.12
Comparative literature	Detailed	16.0104
Hispanic/ Latin American languages, literatures, and linguistics	Detailed	16.0908
Romance languages, literatures, and linguistics	Detailed	all other 16.09
Spanish language and literature	Detailed	16.0905, 16.0907
Foreign languages, literatures, and linguistics nec	Detailed	all other 16 except 16.0102, 16.0105, 16.0199, 16.12
History	Major	all 54 except 54.0104
American history (United States)	Detailed	54.0102, 54.0102b
European history	Detailed	54.0103
History, general	Detailed	54.0101
History, regional focus	Detailed	51.0106, 54.0107, 54.0199c/d/e
History nec	Detailed	54.0105, 54.0108, 54.0199
Philosophy and religious studies	Major	38
Philosophy	Detailed	38.01, 38.99
Religion/ religious studies	Detailed	38.0201
Philosophy and religious studies nec	Detailed	all other 38.02
Humanities, other	Major	24.0103, 24.0199, 39
Bible/ biblical studies	Detailed	39.0201
Humanities and humanistic studies	Detailed	24.0103, 24.0199
Theological and ministerial studies	Detailed	all other 39
Visual and performing arts	Broad	50
Music and performing arts	Major	50.03, 50.05, 50.09
Dance, drama, theatre arts and stagecraft	Detailed	50.03, 50.05
Music performance	Detailed	50.0903, 50.0906−50.0908, 50.0910, 50.0911, 50.0914−50.0916
Music theory and composition	Detailed	50.0904
Musicology and ethnomusicology	Detailed	50.0905
Music nec	Detailed	50.0901, 50.0902, 50.0912, 50.0913, 50.0917, 50.0999
Visual arts, media studies, and design	Major	50.01, 50.04, 50.06, 50.07, 50.10, 50.1101, 50.9999
Art history, criticism and conservation	Detailed	50.0703
Film, cinema, and media studies	Detailed	50.06
Visual arts, media studies, and design nec	Detailed	all other 50
Other non-science and engineering	Broad	see below
Communications and journalism	Major	09, 10
Applied communication, advertising, and public relations	Detailed	09.09
Communication and media studies	Detailed	09.0101, 09.0199

Table A-4

SED field of doctorate taxonomy, by SED-CIP series/codes: 2022

(Field)

Field of doctorate	Field level[a]	SED-CIP series/ codes
Communication, general	Detailed	09.0100, 09.0100d
Mass communication/ media studies	Detailed	09.0102
Communications and journalism nec	Detailed	09.0100b/c, 09.04, 09.07, 09.10, 09.99, 10
Multidisciplinary/ interdisciplinary studies	Major	see below
Classical and ancient studies	Detailed	30.22, 16.12
Interdisciplinary leadership/leadership Studies	Detailed	30.9999f
Multidisciplinary/ interdisciplinary studies nec	Detailed	16.0199b, 24.01, 30.00, 30.12−30.14, 30.28, 30.29, 30.36, 30.45, 30.52, 30.9999, 30.9999g
Public administration and social services	Major	all 44 except 44.05
Public administration	Detailed	44.0201, 44.04, 44.9999b
Social work and human services	Detailed	44.00, 44.07, 44.9999
Non-science and engineering, other	Major	see below
Architecture and architectural studies	Detailed	all 04 except 04.0301
City/ urban, community, and regional planning	Detailed	04.0301
Family, consumer sciences and human sciences	Detailed	all 19 except 19.0701, 19.0702, 19.0706
Homeland security and protective services	Detailed	all 43 except 43.0104
Law, legal studies and research	Detailed	22
Parks, recreation, leisure, fitness, and sport studies and management	Detailed	all 31 except 31.0505
Other non-science and engineering nec	Detailed	01.05, 01.82, 25, 29

CIP = Classification of Instructional Programs; nec = not elsewhere classified; SED = Survey of Earned Doctorates; STEM = science, technology, engineering, and mathematics.

[a] The code level provides information about the fields are nested together. There are 4 levels of field aggregation: area, broad field, major field, and detailed field.

Note(s):
Beginning in 2021, a modified version of the 2020 Classification of Instructional Programs (CIP) codes was used in the survey data collection, and new broad, major, and detailed fields are used in tables reporting data from 2021 to the present. Therefore, the field of doctorate data prior to 2021 may not be comparable to subsequent years. See table A-5 for a full list of SED-CIP codes in the new field taxonomy and table A-6 for the SED-CIP code crosswalk to the historical field taxonomy. For more information, see the "Technical Notes" and the SED 2021 Taxonomy Changes Working Paper (available at https://ncses.nsf.gov/pubs/ncses23200). Between 2021 and 2022, minor changes were made to the SED-CIP crosswalk for the SED detailed fields to better align with the National Center for Science and Engineering Statistics' Taxonomy of Disciplines. These changes affect the reported counts for 2021; see table A-5 for more information.

Source(s):
National Center for Science and Engineering Statistics, Survey of Earned Doctorates.

Table A-5

Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
01.1102	Agronomy and Crop Science	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Agronomy and crop science
01.0901	Animal Sciences, General	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Animal sciences
01.0902	Agricultural Animal Breeding	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Animal sciences
01.0903	Animal Health	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Animal sciences
01.0904	Animal Nutrition	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Animal sciences
01.0905	Dairy Science	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Animal sciences
01.0906	Livestock Management	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Animal sciences
01.0907	Poultry Science	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Animal sciences
01.0999	Animal Sciences, Other	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Animal sciences
01.1001	Food Science	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Food science and technology
01.1002	Food Technology and Processing	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Food science and technology
01.1003	Brewing Science	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Food science and technology
01.1004	Viticulture and Enology	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Food science and technology
01.1005	Zymology/ Fermentation Science	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Food science and technology
01.1099	Food Science and Technology, Other	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Food science and technology
01.1101	Plant Sciences, General	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Plant sciences
01.1103	Horticultural Science	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Plant sciences
01.1104	Agricultural and Horticultural Plant Breeding	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Plant sciences
01.1105	Plant Protection and Integrated Pest Management	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Plant sciences
01.1106	Range Science and Management	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Plant sciences
01.1199	Plant Sciences, Other	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Plant sciences
01.1201	Soil Science and Agronomy, General	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Soil sciences
01.1202	Soil Chemistry and Physics	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Soil sciences
01.1203	Soil Microbiology	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Soil sciences
01.1203b	Soil Chemistry and Microbiology	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Soil sciences
01.1299	Soil Sciences, Other	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Soil sciences
01.1302	Pre-Veterinary Studies	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Veterinary biomedical and clinical sciences

Table A-5

Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
01.1399	Agriculture/ Veterinary Preparatory Programs, Other	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Veterinary biomedical and clinical sciences
01.8001	Veterinary Medicine	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Veterinary biomedical and clinical sciences
01.8101	Veterinary Sciences/ Veterinary Clinical Sciences, General	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Veterinary biomedical and clinical sciences
01.8102	Comparative and Laboratory Animal Medicine	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Veterinary biomedical and clinical sciences
01.8103	Large Animal/ Food Animal and Equine Surgery and Medicine	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Veterinary biomedical and clinical sciences
01.8104	Small/ Companion Animal Surgery and Medicine	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Veterinary biomedical and clinical sciences
01.8105	Veterinary Anatomy	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Veterinary biomedical and clinical sciences
01.8106	Veterinary Infectious Diseases	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Veterinary biomedical and clinical sciences
01.8107	Veterinary Microbiology and Immunobiology	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Veterinary biomedical and clinical sciences
01.8108	Veterinary Pathology and Pathobiology	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Veterinary biomedical and clinical sciences
01.8109	Veterinary Physiology	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Veterinary biomedical and clinical sciences
01.8110	Veterinary Preventive Medicine, Epidemiology, and Public Health	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Veterinary biomedical and clinical sciences
01.8111	Veterinary Toxicology and Pharmacology	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Veterinary biomedical and clinical sciences
01.8199	Veterinary Biomedical and Clinical Sciences, Other	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Veterinary biomedical and clinical sciences
01.8301	Veterinary/ Animal Health Technology and Veterinary Assistant	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Veterinary biomedical and clinical sciences
01.8399	Veterinary/ Animal Health Technologies, Other	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Veterinary biomedical and clinical sciences
01.0000	Agriculture, General	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Agricultural, animal, plant, and veterinary sciences nec
01.0101	Agricultural Business and Management, General	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Agricultural, animal, plant, and veterinary sciences nec
01.0102	Agribusiness/ Agricultural Business Operations	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Agricultural, animal, plant, and veterinary sciences nec
01.0104	Farm/ Farm and Ranch Management	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Agricultural, animal, plant, and veterinary sciences nec
01.0105	Agricultural/ Farm Supplies Retailing and Wholesaling	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Agricultural, animal, plant, and veterinary sciences nec
01.0106	Agricultural Business Technology	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Agricultural, animal, plant, and veterinary sciences nec
01.0199	Agricultural Business and Management, Other	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Agricultural, animal, plant, and veterinary sciences nec
01.0201	Agricultural Mechanization, General	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Agricultural, animal, plant, and veterinary sciences nec
01.0204	Agricultural Power Machinery Operation	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Agricultural, animal, plant, and veterinary sciences nec
01.0205	Agricultural Mechanics and Equipment/ Machine Technology	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Agricultural, animal, plant, and veterinary sciences nec
01.0207	Irrigation Management Technology	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Agricultural, animal, plant, and veterinary sciences nec

Table A-5

Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
01.0299	Agricultural Mechanization, Other	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Agricultural, animal, plant, and veterinary sciences nec
01.0301	Agricultural Production Operations, General	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Agricultural, animal, plant, and veterinary sciences nec
01.0302	Animal/ Livestock Husbandry and Production	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Agricultural, animal, plant, and veterinary sciences nec
01.0303	Aquaculture	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Agricultural, animal, plant, and veterinary sciences nec
01.0304	Crop Production	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Agricultural, animal, plant, and veterinary sciences nec
01.0306	Dairy Husbandry and Production	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Agricultural, animal, plant, and veterinary sciences nec
01.0307	Horse Husbandry/ Equine Science and Management	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Agricultural, animal, plant, and veterinary sciences nec
01.0308	Agroecology and Sustainable Agriculture	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Agricultural, animal, plant, and veterinary sciences nec
01.0310	Apiculture	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Agricultural, animal, plant, and veterinary sciences nec
01.0399	Agricultural Production Operations, Other	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Agricultural, animal, plant, and veterinary sciences nec
01.0401	Agricultural and Food Products Processing	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Agricultural, animal, plant, and veterinary sciences nec
01.0601	Applied Horticulture/ Horticulture Operations, General	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Agricultural, animal, plant, and veterinary sciences nec
01.0603	Ornamental Horticulture	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Agricultural, animal, plant, and veterinary sciences nec
01.0604	Greenhouse Operations and Management	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Agricultural, animal, plant, and veterinary sciences nec
01.0605	Landscaping and Groundskeeping	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Agricultural, animal, plant, and veterinary sciences nec
01.0606	Plant Nursery Operations and Management	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Agricultural, animal, plant, and veterinary sciences nec
01.0607	Turf and Turfgrass Management	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Agricultural, animal, plant, and veterinary sciences nec
01.0608	Floriculture/ Floristry Operations and Management	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Agricultural, animal, plant, and veterinary sciences nec
01.0609	Public Horticulture	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Agricultural, animal, plant, and veterinary sciences nec
01.0610	Urban and Community Horticulture	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Agricultural, animal, plant, and veterinary sciences nec
01.0699	Applied Horticulture/ Horticultural Business Services, Other	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Agricultural, animal, plant, and veterinary sciences nec
01.0701	International Agriculture	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Agricultural, animal, plant, and veterinary sciences nec
01.0801	Agricultural and Extension Education Services	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Agricultural, animal, plant, and veterinary sciences nec
01.0802	Agricultural Communication/ Journalism	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Agricultural, animal, plant, and veterinary sciences nec
01.0899	Agricultural Public Services, Other	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Agricultural, animal, plant, and veterinary sciences nec
01.9999	Agricultural/ Animal/ Plant/ Veterinary Science and Related Fields, Other	Agricultural sciences and natural resources	Agricultural, animal, plant, and veterinary sciences	Agricultural, animal, plant, and veterinary sciences nec
03.0104	Environmental Science	Agricultural sciences and natural resources	Natural resources and conservation	Environmental science

Table A-5

Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
03.0201	Environmental/ Natural Resources Management and Policy, General	Agricultural sciences and natural resources	Natural resources and conservation	Environmental/ natural resources management and policy
03.0205	Water, Wetlands, and Marine Resources Management	Agricultural sciences and natural resources	Natural resources and conservation	Environmental/ natural resources management and policy
03.0206	Land Use Planning and Management/ Development	Agricultural sciences and natural resources	Natural resources and conservation	Environmental/ natural resources management and policy
03.0207	Environmental/ Natural Resource Recreation and Tourism	Agricultural sciences and natural resources	Natural resources and conservation	Environmental/ natural resources management and policy
03.0208	Environmental/ Natural Resources Law Enforcement and Protective Services	Agricultural sciences and natural resources	Natural resources and conservation	Environmental/ natural resources management and policy
03.0209	Energy and Environmental Policy	Agricultural sciences and natural resources	Natural resources and conservation	Environmental/ natural resources management and policy
03.0210	Bioenergy	Agricultural sciences and natural resources	Natural resources and conservation	Environmental/ natural resources management and policy
03.0299	Environmental/ Natural Resources Management and Policy, Other	Agricultural sciences and natural resources	Natural resources and conservation	Environmental/ natural resources management and policy
03.0501	Forestry, General	Agricultural sciences and natural resources	Natural resources and conservation	Forestry
03.0502	Forest Sciences and Biology	Agricultural sciences and natural resources	Natural resources and conservation	Forestry
03.0506	Forest Management/ Forest Resources Management	Agricultural sciences and natural resources	Natural resources and conservation	Forestry
03.0508	Urban Forestry	Agricultural sciences and natural resources	Natural resources and conservation	Forestry
03.0509	Wood Science and Wood Products/ Pulp and Paper Technology	Agricultural sciences and natural resources	Natural resources and conservation	Forestry
03.0510	Forest Resources Production and Management	Agricultural sciences and natural resources	Natural resources and conservation	Forestry
03.0511	Forest Technology	Agricultural sciences and natural resources	Natural resources and conservation	Forestry
03.0599	Forestry, Other	Agricultural sciences and natural resources	Natural resources and conservation	Forestry
03.0101	Natural Resources/ Conservation, General	Agricultural sciences and natural resources	Natural resources and conservation	Natural resources conservation and research
03.0103	Environmental Studies	Agricultural sciences and natural resources	Natural resources and conservation	Natural resources conservation and research
03.0199	Natural Resources Conservation and Research, Other	Agricultural sciences and natural resources	Natural resources and conservation	Natural resources conservation and research
03.0301	Fishing and Fisheries Sciences and Management	Agricultural sciences and natural resources	Natural resources and conservation	Natural resources and conservation nec
03.0601	Wildlife, Fish and Wildlands Science and Management	Agricultural sciences and natural resources	Natural resources and conservation	Natural resources and conservation nec
03.9999	Natural Resources and Conservation, Other	Agricultural sciences and natural resources	Natural resources and conservation	Natural resources and conservation nec
26.0202	Biochemistry	Biological and biomedical sciences	Biochemistry, biophysics, and molecular biology	Biochemistry
26.0210	Biochemistry and Molecular Biology	Biological and biomedical sciences	Biochemistry, biophysics, and molecular biology	Biochemistry and molecular biology

Table A-5

Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
26.0203	Biophysics (BIOLOGY)	Biological and biomedical sciences	Biochemistry, biophysics, and molecular biology	Biophysics
26.0203b	Biophysics (PHYSICS)	Biological and biomedical sciences	Biochemistry, biophysics, and molecular biology	Biophysics
26.0206	Molecular Biophysics[a]	Biological and biomedical sciences	Biochemistry, biophysics, and molecular biology	Biophysics
26.0204	Molecular Biology	Biological and biomedical sciences	Biochemistry, biophysics, and molecular biology	Molecular biology
26.0205	Molecular Biochemistry	Biological and biomedical sciences	Biochemistry, biophysics, and molecular biology	Biochemistry, biophysics, and molecular biology nec
26.0207	Structural Biology	Biological and biomedical sciences	Biochemistry, biophysics, and molecular biology	Biochemistry, biophysics, and molecular biology nec
26.0208	Photobiology	Biological and biomedical sciences	Biochemistry, biophysics, and molecular biology	Biochemistry, biophysics, and molecular biology nec
26.0209	Radiation Biology/ Radiobiology	Biological and biomedical sciences	Biochemistry, biophysics, and molecular biology	Biochemistry, biophysics, and molecular biology nec
26.0299	Biochemistry, Biophysics and Molecular Biology, Other	Biological and biomedical sciences	Biochemistry, biophysics, and molecular biology	Biochemistry, biophysics, and molecular biology nec
26.1103	Bioinformatics	Biological and biomedical sciences	Bioinformatics, biostatistics, and computational biology	Bioinformatics
26.1102	Biostatistics	Biological and biomedical sciences	Bioinformatics, biostatistics, and computational biology	Biostatistics
26.1104	Computational Biology	Biological and biomedical sciences	Bioinformatics, biostatistics, and computational biology	Computational biology
26.1101	Biometry/ Biometrics	Biological and biomedical sciences	Bioinformatics, biostatistics, and computational biology	Bioinformatics, biostatistics, and computational biology nec
26.1199	Biomathematics, Bioinformatics, and Computational Biology, Other	Biological and biomedical sciences	Bioinformatics, biostatistics, and computational biology	Bioinformatics, biostatistics, and computational biology nec
26.0406	Cell/ Cellular and Molecular Biology	Biological and biomedical sciences	Cell/ cellular biology and anatomy	Cell/ cellular and molecular biology
26.0404	Developmental Biology and Embryology	Biological and biomedical sciences	Cell/ cellular biology and anatomy	Developmental biology and embryology
26.0401	Cell/ Cellular Biology and Histology	Biological and biomedical sciences	Cell/ cellular biology and anatomy	Cell/ cellular biology and anatomy nec
26.0403	Anatomy	Biological and biomedical sciences	Cell/ cellular biology and anatomy	Cell/ cellular biology and anatomy nec
26.0407	Cell Biology and Anatomy	Biological and biomedical sciences	Cell/ cellular biology and anatomy	Cell/ cellular biology and anatomy nec
26.0499	Cell/ Cellular Biology and Anatomical Sciences, Other	Biological and biomedical sciences	Cell/ cellular biology and anatomy	Cell/ cellular biology and anatomy nec
26.1301	Ecology	Biological and biomedical sciences	Ecology, evolutionary biology, and epidemiology	Ecology
26.1310	Ecology and Evolutionary Biology	Biological and biomedical sciences	Ecology, evolutionary biology, and epidemiology	Ecology and evolutionary biology
26.1399b	Ecology, Evolution, and Behavior[b]	Biological and biomedical sciences	Ecology, evolutionary biology, and epidemiology	Ecology and evolutionary biology
26.1309	Epidemiology	Biological and biomedical sciences	Ecology, evolutionary biology, and epidemiology	Epidemiology
26.1311	Epidemiology and Biostatistics	Biological and biomedical sciences	Ecology, evolutionary biology, and epidemiology	Epidemiology and biostatistics

Table A-5

Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
26.1303	Evolutionary Biology	Biological and biomedical sciences	Ecology, evolutionary biology, and epidemiology	Evolutionary biology
26.1304	Aquatic Biology/ Limnology	Biological and biomedical sciences	Ecology, evolutionary biology, and epidemiology	Ecology, evolutionary biology, and epidemiology nec
26.1305	Environmental Biology	Biological and biomedical sciences	Ecology, evolutionary biology, and epidemiology	Ecology, evolutionary biology, and epidemiology nec
26.1306	Population Biology	Biological and biomedical sciences	Ecology, evolutionary biology, and epidemiology	Ecology, evolutionary biology, and epidemiology nec
26.1307	Conservation Biology	Biological and biomedical sciences	Ecology, evolutionary biology, and epidemiology	Ecology, evolutionary biology, and epidemiology nec
26.1308	Systematic Biology/ Biological Systematics	Biological and biomedical sciences	Ecology, evolutionary biology, and epidemiology	Ecology, evolutionary biology, and epidemiology nec
26.1399	Ecology, Evolution, Systematics and Population Biology, Other	Biological and biomedical sciences	Ecology, evolutionary biology, and epidemiology	Ecology, evolutionary biology, and epidemiology nec
26.0801	Genetics, General	Biological and biomedical sciences	Genetics and genomics	Genetics, general
26.0807	Genome Sciences/ Genomics	Biological and biomedical sciences	Genetics and genomics	Genome sciences and genomics
26.0806	Human/ Medical Genetics	Biological and biomedical sciences	Genetics and genomics	Human/ medical genetics
26.0802	Molecular Genetics	Biological and biomedical sciences	Genetics and genomics	Molecular genetics
26.0803	Microbial and Eukaryotic Genetics	Biological and biomedical sciences	Genetics and genomics	Genetics and genomics nec
26.0804	Animal Genetics	Biological and biomedical sciences	Genetics and genomics	Genetics and genomics nec
26.0805	Plant Genetics	Biological and biomedical sciences	Genetics and genomics	Genetics and genomics nec
26.0899	Genetics, Other	Biological and biomedical sciences	Genetics and genomics	Genetics and genomics nec
26.0507	Immunology	Biological and biomedical sciences	Microbiology and immunology	Immunology
26.0508	Microbiology and Immunology	Biological and biomedical sciences	Microbiology and immunology	Microbiology and immunology
26.0502	Microbiology, General	Biological and biomedical sciences	Microbiology and immunology	Microbiology, general
26.0504	Virology	Biological and biomedical sciences	Microbiology and immunology	Virology
26.0503	Medical Microbiology and Bacteriology	Biological and biomedical sciences	Microbiology and immunology	Microbiology and immunology nec
26.0505	Parasitology	Biological and biomedical sciences	Microbiology and immunology	Microbiology and immunology nec
26.0506	Mycology	Biological and biomedical sciences	Microbiology and immunology	Microbiology and immunology nec
26.0509	Infectious Disease and Global Health	Biological and biomedical sciences	Microbiology and immunology	Microbiology and immunology nec
26.0599	Microbiological Sciences and Immunology, Other	Biological and biomedical sciences	Microbiology and immunology	Microbiology and immunology nec
26.1599b	Cognitive Neuroscience	Biological and biomedical sciences	Neurobiology and neurosciences	Cognitive neuroscience
26.1503	Neurobiology and Anatomy	Biological and biomedical sciences	Neurobiology and neurosciences	Neurobiology
26.1504	Neurobiology and Behavior[c]	Biological and biomedical sciences	Neurobiology and neurosciences	Neurobiology

Table A-5

Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
26.1501	Neuroscience	Biological and biomedical sciences	Neurobiology and neurosciences	Neuroscience
26.1502	Neuroanatomy	Biological and biomedical sciences	Neurobiology and neurosciences	Neurobiology and neurosciences nec
26.1599	Neurobiology and Neurosciences, Other	Biological and biomedical sciences	Neurobiology and neurosciences	Neurobiology and neurosciences nec
26.1599c	Computational Neuroscience[b]	Biological and biomedical sciences	Neurobiology and neurosciences	Neurobiology and neurosciences nec
26.1001	Pharmacology	Biological and biomedical sciences	Pharmacology and toxicology	Pharmacology
26.1004	Toxicology	Biological and biomedical sciences	Pharmacology and toxicology	Toxicology
26.1005	Molecular Toxicology	Biological and biomedical sciences	Pharmacology and toxicology	Toxicology
26.1006	Environmental Toxicology	Biological and biomedical sciences	Pharmacology and toxicology	Toxicology
26.1002	Molecular Pharmacology	Biological and biomedical sciences	Pharmacology and toxicology	Pharmacology and toxicology nec
26.1003	Neuropharmacology	Biological and biomedical sciences	Pharmacology and toxicology	Pharmacology and toxicology nec
26.1007	Pharmacology and Toxicology	Biological and biomedical sciences	Pharmacology and toxicology	Pharmacology and toxicology nec
26.1099	Pharmacology and Toxicology, Other	Biological and biomedical sciences	Pharmacology and toxicology	Pharmacology and toxicology nec
26.0913	Biomechanics	Biological and biomedical sciences	Physiology, oncology, and cancer biology	Biomechanics
26.0908	Exercise Physiology and Kinesiology	Biological and biomedical sciences	Physiology, oncology, and cancer biology	Exercise physiology and kinesiology
26.0911	Oncology and Cancer Biology	Biological and biomedical sciences	Physiology, oncology, and cancer biology	Oncology and cancer biology
26.0901	Physiology, General	Biological and biomedical sciences	Physiology, oncology, and cancer biology	Physiology, general
26.0902	Molecular Physiology	Biological and biomedical sciences	Physiology, oncology, and cancer biology	Physiology, oncology, and cancer biology nec
26.0903	Cell Physiology	Biological and biomedical sciences	Physiology, oncology, and cancer biology	Physiology, oncology, and cancer biology nec
26.0904	Endocrinology	Biological and biomedical sciences	Physiology, oncology, and cancer biology	Physiology, oncology, and cancer biology nec
26.0905	Reproductive Biology	Biological and biomedical sciences	Physiology, oncology, and cancer biology	Physiology, oncology, and cancer biology nec
26.0907	Cardiovascular Science	Biological and biomedical sciences	Physiology, oncology, and cancer biology	Physiology, oncology, and cancer biology nec
26.0909	Vision Science/ Physiological Optics	Biological and biomedical sciences	Physiology, oncology, and cancer biology	Physiology, oncology, and cancer biology nec
26.0910	Pathology/ Experimental Pathology	Biological and biomedical sciences	Physiology, oncology, and cancer biology	Physiology, oncology, and cancer biology nec
26.0912	Aerospace Physiology and Medicine	Biological and biomedical sciences	Physiology, oncology, and cancer biology	Physiology, oncology, and cancer biology nec
26.0999	Physiology, Pathology, and Related Sciences, Other	Biological and biomedical sciences	Physiology, oncology, and cancer biology	Physiology, oncology, and cancer biology nec
26.0999b	Pathobiology/Integrative Pathobiology[b]	Biological and biomedical sciences	Physiology, oncology, and cancer biology	Physiology, oncology, and cancer biology nec
26.0101	Biology/ Biological Sciences, General	Biological and biomedical sciences	Biological and biomedical sciences, other	Biology/ biological sciences, general

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
26.0101b	Integrative/Interdisciplinary Biology, Biosciences, and Biomedical Sciences[b]	Biological and biomedical sciences	Biological and biomedical sciences, other	Biology/ biological sciences, general
26.0102	Biomedical Sciences, General	Biological and biomedical sciences	Biological and biomedical sciences, other	Biomedical sciences, general
26.0301	Botany/ Plant Biology	Biological and biomedical sciences	Biological and biomedical sciences, other	Botany and plant biology
26.0702	Entomology	Biological and biomedical sciences	Biological and biomedical sciences, other	Entomology
26.0702b	Nematology	Biological and biomedical sciences	Biological and biomedical sciences, other	Entomology
26.0702c	Entomology and Nematology[b]	Biological and biomedical sciences	Biological and biomedical sciences, other	Entomology
26.0305	Plant Pathology/ Phytopathology (BIOLOGY)	Biological and biomedical sciences	Biological and biomedical sciences, other	Plant pathology and phytopathology
26.0305b	Plant Pathology/ Phytopathology (AGRICULTURAL SCIENCES)	Biological and biomedical sciences	Biological and biomedical sciences, other	Plant pathology and phytopathology
26.0307	Plant Physiology	Biological and biomedical sciences	Biological and biomedical sciences, other	Plant physiology and biology nec
26.0308	Plant Molecular Biology	Biological and biomedical sciences	Biological and biomedical sciences, other	Plant physiology and biology nec
26.0399	Botany/ Plant Biology, Other	Biological and biomedical sciences	Biological and biomedical sciences, other	Plant physiology and biology nec
26.0701	Zoology/ Animal Biology	Biological and biomedical sciences	Biological and biomedical sciences, other	Zoology and animal biology
26.0707	Animal Physiology	Biological and biomedical sciences	Biological and biomedical sciences, other	Zoology and animal biology
26.0708	Animal Behavior and Ethology	Biological and biomedical sciences	Biological and biomedical sciences, other	Zoology and animal biology
26.0709	Wildlife Biology	Biological and biomedical sciences	Biological and biomedical sciences, other	Zoology and animal biology
26.0799	Zoology/ Animal Biology, Other	Biological and biomedical sciences	Biological and biomedical sciences, other	Zoology and animal biology
26.1201	Biotechnology	Biological and biomedical sciences	Biological and biomedical sciences, other	Biological and biomedical sciences nec
26.1401	Molecular Medicine	Biological and biomedical sciences	Biological and biomedical sciences, other	Biological and biomedical sciences nec
26.9999	Biological and Biomedical Sciences, Other	Biological and biomedical sciences	Biological and biomedical sciences, other	Biological and biomedical sciences nec
11.0701	Computer Science	Computer and information sciences	Computer science	Computer science
11.0701b	Computing Theory and Practice (COMPUTER SCIENCE)	Computer and information sciences	Computer science	Computer science
11.0701c	Computing Theory and Practice (MATHEMATICS)	Computer and information sciences	Computer science	Computer science
11.0102	Artificial Intelligence	Computer and information sciences	Computer and information sciences, other	Artificial intelligence
11.0101	Computer and Information Sciences, General	Computer and information sciences	Computer and information sciences, other	Computer and information sciences, general
11.0901	Computer Systems Networking and Telecommunications	Computer and information sciences	Computer and information sciences, other	Computer systems networking and telecommunications
11.0902	Cloud Computing	Computer and information sciences	Computer and information sciences, other	Computer systems networking and telecommunications
11.0999	Computer Systems Networking and Telecommunications, Other	Computer and information sciences	Computer and information sciences, other	Computer systems networking and telecommunications

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
11.1001	Network and System Administration/ Administrator	Computer and information sciences	Computer and information sciences, other	Computer systems networking and telecommunications
11.1002	System, Networking, and LAN/ WAN Management/ Manager	Computer and information sciences	Computer and information sciences, other	Computer systems networking and telecommunications
11.1003	Computer and Information Systems Security/ Auditing/ Information Assurance	Computer and information sciences	Computer and information sciences, other	Computer systems networking and telecommunications
11.1004	Web/ Multimedia Management and Webmaster	Computer and information sciences	Computer and information sciences, other	Computer systems networking and telecommunications
11.1005	Information Technology Project Management	Computer and information sciences	Computer and information sciences, other	Computer systems networking and telecommunications
11.1006	Computer Support Specialist	Computer and information sciences	Computer and information sciences, other	Computer systems networking and telecommunications
11.1099	Computer/ Information Technology Services Administration and Management, Other	Computer and information sciences	Computer and information sciences, other	Computer systems networking and telecommunications
11.0103	Information Technology	Computer and information sciences	Computer and information sciences, other	Informatics and information technology
11.0104	Informatics	Computer and information sciences	Computer and information sciences, other	Informatics and information technology
11.0105	Human-Centered Technology Design	Computer and information sciences	Computer and information sciences, other	Informatics and information technology
11.0401	Information Science/ Studies	Computer and information sciences	Computer and information sciences, other	Information sciences/ studies
11.0199	Computer and Information Sciences, Other	Computer and information sciences	Computer and information sciences, other	Computer and information sciences nec
11.0201	Computer Programming/ Programmer, General	Computer and information sciences	Computer and information sciences, other	Computer and information sciences nec
11.0202	Computer Programming, Specific Applications	Computer and information sciences	Computer and information sciences, other	Computer and information sciences nec
11.0203	Computer Programming, Vendor/ Product Certification	Computer and information sciences	Computer and information sciences, other	Computer and information sciences nec
11.0204	Computer Game Programming	Computer and information sciences	Computer and information sciences, other	Computer and information sciences nec
11.0205	Computer Programming, Specific Platforms	Computer and information sciences	Computer and information sciences, other	Computer and information sciences nec
11.0299	Computer Programming, Other	Computer and information sciences	Computer and information sciences, other	Computer and information sciences nec
11.0301	Data Processing and Data Processing Technology	Computer and information sciences	Computer and information sciences, other	Computer and information sciences nec
11.0501	Computer Systems Analysis/ Analyst	Computer and information sciences	Computer and information sciences, other	Computer and information sciences nec
11.0601	Data Entry/ Microcomputer Applications, General[d]	Computer and information sciences	Computer and information sciences, other	Computer and information sciences nec
11.0602	Word Processing[d]	Computer and information sciences	Computer and information sciences, other	Computer and information sciences nec
11.0699	Data Entry/ Microcomputer Applications, Other[d]	Computer and information sciences	Computer and information sciences, other	Computer and information sciences nec
11.0801	Web Page, Digital/ Multimedia and Information Resources Design	Computer and information sciences	Computer and information sciences, other	Computer and information sciences nec
11.0802	Data Modeling/ Warehousing and Database Administration	Computer and information sciences	Computer and information sciences, other	Computer and information sciences nec
11.0803	Computer Graphics	Computer and information sciences	Computer and information sciences, other	Computer and information sciences nec

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
11.0804	Modeling, Virtual Environments and Simulation	Computer and information sciences	Computer and information sciences, other	Computer and information sciences nec
11.0899	Computer Software and Media Applications, Other	Computer and information sciences	Computer and information sciences, other	Computer and information sciences nec
11.9999	Computer and Information Sciences and Support Services, Other	Computer and information sciences	Computer and information sciences, other	Computer and information sciences nec
14.0501	Bioengineering and Biomedical Engineering	Engineering	Biological, biomedical, and biosystems engineering	Bioengineering and biomedical engineering
14.4501	Biological/ Biosystems Engineering	Engineering	Biological, biomedical, and biosystems engineering	Biological and biosystems engineering and biomedical technology
15.0401	Biomedical Technology	Engineering	Biological, biomedical, and biosystems engineering	Biological and biosystems engineering and biomedical technology
14.0702	Chemical and Biomolecular Engineering	Engineering	Chemical and petroleum engineering	Chemical and biomolecular engineering
14.0701	Chemical Engineering	Engineering	Chemical and petroleum engineering	Chemical engineering
14.2501	Petroleum Engineering	Engineering	Chemical and petroleum engineering	Petroleum engineering
14.0799	Chemical Engineering, Other	Engineering	Chemical and petroleum engineering	Chemical and petroleum engineering nec
14.3201	Polymer/ Plastics Engineering	Engineering	Chemical and petroleum engineering	Chemical and petroleum engineering nec
14.4001	Paper Science and Engineering	Engineering	Chemical and petroleum engineering	Chemical and petroleum engineering nec
14.4301	Biochemical Engineering	Engineering	Chemical and petroleum engineering	Chemical and petroleum engineering nec
14.4401	Engineering Chemistry	Engineering	Chemical and petroleum engineering	Chemical and petroleum engineering nec
14.0801	Civil Engineering, General	Engineering	Civil, environmental, and transportation engineering	Civil engineering
14.0899	Civil Engineering, Other	Engineering	Civil, environmental, and transportation engineering	Civil engineering
14.0899b	Civil and Environmental Engineering[b]	Engineering	Civil, environmental, and transportation engineering	Civil and environmental engineering[o]
14.1401	Environmental/ Environmental Health Engineering	Engineering	Civil, environmental, and transportation engineering	Environmental/ environmental health engineering
14.0802	Geotechnical and Geoenvironmental Engineering	Engineering	Civil, environmental, and transportation engineering	Geotechnical and geoenvironmental engineering
14.3901	Geological/ Geophysical Engineering	Engineering	Civil, environmental, and transportation engineering	Geotechnical and geoenvironmental engineering
14.0803	Structural Engineering	Engineering	Civil, environmental, and transportation engineering	Structural engineering
14.0804	Transportation and Highway Engineering	Engineering	Civil, environmental, and transportation engineering	Transportation and highway engineering
14.0401	Architectural Engineering	Engineering	Civil, environmental, and transportation engineering	Civil, environmental, and transportation engineering nec
14.0805	Water Resources Engineering	Engineering	Civil, environmental, and transportation engineering	Civil, environmental, and transportation engineering nec
14.3301	Construction Engineering	Engineering	Civil, environmental, and transportation engineering	Civil, environmental, and transportation engineering nec
14.3801	Surveying Engineering	Engineering	Civil, environmental, and transportation engineering	Civil, environmental, and transportation engineering nec

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
14.0901	Computer Engineering, General	Engineering	Electrical and computer engineering	Computer engineering
14.0902	Computer Hardware Engineering	Engineering	Electrical and computer engineering	Computer engineering
14.0903	Computer Software Engineering	Engineering	Electrical and computer engineering	Computer engineering
14.0999	Computer Engineering, Other	Engineering	Electrical and computer engineering	Computer engineering
14.4701	Electrical and Computer Engineering	Engineering	Electrical and computer engineering	Electrical and computer engineering
14.1001	Electrical and Electronics Engineering	Engineering	Electrical and computer engineering	Electrical and electronics engineering
14.1003	Laser and Optical Engineering	Engineering	Electrical and computer engineering	Electrical and computer engineering nec
14.1004	Telecommunications Engineering	Engineering	Electrical and computer engineering	Electrical and computer engineering nec
14.1099	Electrical, Electronics, and Communications Engineering, Other	Engineering	Electrical and computer engineering	Electrical and computer engineering nec
14.1099b	Communications Engineering	Engineering	Electrical and computer engineering	Electrical and computer engineering nec
15.0303	Electrical, Electronic, and Communications Engineering Technology	Engineering	Engineering technologies	Electrical and electronic engineering technologies
15.0304	Laser and Optical Technology	Engineering	Engineering technologies	Electrical and electronic engineering technologies
15.0305	Telecommunications Technology	Engineering	Engineering technologies	Electrical and electronic engineering technologies
15.0306	Integrated Circuit Design Technology	Engineering	Engineering technologies	Electrical and electronic engineering technologies
15.0307	Audio Engineering Technology	Engineering	Engineering technologies	Electrical and electronic engineering technologies
15.0399	Electrical/ Electronic Engineering Technologies, Other	Engineering	Engineering technologies	Electrical and electronic engineering technologies
15.0403	Electromechanical/ Electromechanical Engineering Technology	Engineering	Engineering technologies	Electromechanical technologies
15.0404	Instrumentation Technology	Engineering	Engineering technologies	Electromechanical technologies
15.0405	Robotics Technology	Engineering	Engineering technologies	Electromechanical technologies
15.0406	Automation Engineer Technology	Engineering	Engineering technologies	Electromechanical technologies
15.0407	Mechatronics, Robotics, and Automation Engineering Technology	Engineering	Engineering technologies	Electromechanical technologies
15.0499	Electromechanical Technologies, Other	Engineering	Engineering technologies	Electromechanical technologies
15.0501	Heating, Ventilation, Air Conditioning and Refrigeration Engineering Technology	Engineering	Engineering technologies	Environmental control technologies
15.0506	Water Quality and Wastewater Treatment Management and Recycling Technology	Engineering	Engineering technologies	Environmental control technologies
15.0507	Environmental/ Environmental Engineering Technology	Engineering	Engineering technologies	Environmental control technologies
15.0508	Hazardous Materials Management and Waste Technology	Engineering	Engineering technologies	Environmental control technologies
15.0599	Environmental Control Technologies, Other	Engineering	Engineering technologies	Environmental control technologies
15.0000	Engineering Technologies, General	Engineering	Engineering technologies	Engineering technologies nec
15.0001	Applied Engineering Technologies	Engineering	Engineering technologies	Engineering technologies nec
15.0101	Architectural Engineering Technologies	Engineering	Engineering technologies	Engineering technologies nec
15.0201	Civil Engineering Technologies	Engineering	Engineering technologies	Engineering technologies nec

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
15.0607	Plastics and Polymer Engineering Technology	Engineering	Engineering technologies	Engineering technologies nec
15.0611	Metallurgical Technology	Engineering	Engineering technologies	Engineering technologies nec
15.0612	Industrial Technology	Engineering	Engineering technologies	Engineering technologies nec
15.0613	Manufacturing Engineering Technology	Engineering	Engineering technologies	Engineering technologies nec
15.0614	Welding Engineering Technology	Engineering	Engineering technologies	Engineering technologies nec
15.0615	Chemical Engineering Technology	Engineering	Engineering technologies	Engineering technologies nec
15.0616	Semiconductor Manufacturing Technology	Engineering	Engineering technologies	Engineering technologies nec
15.0617	Composite Materials Technology	Engineering	Engineering technologies	Engineering technologies nec
15.0699	Industrial Production Technologies, Other	Engineering	Engineering technologies	Engineering technologies nec
15.0701	Occupational Safety and Health Technology	Engineering	Engineering technologies	Engineering technologies nec
15.0702	Quality Control Technology	Engineering	Engineering technologies	Engineering technologies nec
15.0703	Industrial Safety Technology	Engineering	Engineering technologies	Engineering technologies nec
15.0704	Hazardous Materials Information Systems Technology	Engineering	Engineering technologies	Engineering technologies nec
15.0705	Process Safety Technology	Engineering	Engineering technologies	Engineering technologies nec
15.0799	Quality Control and Safety Technologies, Other	Engineering	Engineering technologies	Engineering technologies nec
15.0803	Automotive Engineering Technology	Engineering	Engineering technologies	Engineering technologies nec
15.0805	Mechanical/ Mechanical Engineering Technology	Engineering	Engineering technologies	Engineering technologies nec
15.0806	Marine Engineering Technology	Engineering	Engineering technologies	Engineering technologies nec
15.0807	Motorsports Engineering Technology	Engineering	Engineering technologies	Engineering technologies nec
15.0899	Mechanical Engineering Related Technologies, Other	Engineering	Engineering technologies	Engineering technologies nec
15.0901	Mining Technology	Engineering	Engineering technologies	Engineering technologies nec
15.0903	Petroleum Technology	Engineering	Engineering technologies	Engineering technologies nec
15.0999	Mining and Petroleum Technologies, Other	Engineering	Engineering technologies	Engineering technologies nec
15.1001	Construction Engineering Technology	Engineering	Engineering technologies	Engineering technologies nec
15.1103	Hydraulics and Fluid Power Technology	Engineering	Engineering technologies	Engineering technologies nec
15.1199	Engineering-Related Technologies, Other	Engineering	Engineering technologies	Engineering technologies nec
15.1201	Computer Engineering Technology	Engineering	Engineering technologies	Engineering technologies nec
15.1202	Computer/ Computer Systems Technology	Engineering	Engineering technologies	Engineering technologies nec
15.1203	Computer Hardware Technology	Engineering	Engineering technologies	Engineering technologies nec
15.1204	Computer Software Technology	Engineering	Engineering technologies	Engineering technologies nec
15.1299	Computer Engineering Technologies, Other	Engineering	Engineering technologies	Engineering technologies nec
15.1301	Drafting and Design Technology, General	Engineering	Engineering technologies	Engineering technologies nec
15.1302	CAD/ CADD Drafting and/ or Design Technology	Engineering	Engineering technologies	Engineering technologies nec
15.1303	Architectural Drafting and Architectural CAD/ CADD	Engineering	Engineering technologies	Engineering technologies nec
15.1304	Civil Drafting and Civil Engineering CAD/ CADD	Engineering	Engineering technologies	Engineering technologies nec
15.1305	Electrical/ Electronics Drafting and Electrical/ Electronics CAD/ CADD	Engineering	Engineering technologies	Engineering technologies nec
15.1306	Mechanical Drafting and Mechanical Drafting CAD/ CADD	Engineering	Engineering technologies	Engineering technologies nec
15.1307	3-D Modeling and Design Technology	Engineering	Engineering technologies	Engineering technologies nec

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
15.1399	Drafting/ Design Engineering Technologies, Other	Engineering	Engineering technologies	Engineering technologies nec
15.1401	Nuclear Engineering Technology	Engineering	Engineering technologies	Engineering technologies nec
15.1701	Energy Systems Technology	Engineering	Engineering technologies	Engineering technologies nec
15.1702	Power Plant Technology	Engineering	Engineering technologies	Engineering technologies nec
15.1703	Solar Energy Technology	Engineering	Engineering technologies	Engineering technologies nec
15.1704	Wind Energy Technology	Engineering	Engineering technologies	Engineering technologies nec
15.1705	Hydroelectric Energy Technology	Engineering	Engineering technologies	Engineering technologies nec
15.1706	Geothermal Energy Technology	Engineering	Engineering technologies	Engineering technologies nec
15.1799	Energy Systems Technologies, Other	Engineering	Engineering technologies	Engineering technologies nec
15.9999	Engineering/ Engineering-Related Technologies, Other	Engineering	Engineering technologies	Engineering technologies nec
14.3501	Industrial Engineering	Engineering	Industrial engineering and operations research	Industrial engineering
14.3501b	Industrial and Systems Engineering[b]	Engineering	Industrial engineering and operations research	Industrial and systems engineering[o]
14.3701	Operations Research (ENGINEERING)	Engineering	Industrial engineering and operations research	Operations research
14.3701b	Operations Research (MATHEMATICS)	Engineering	Industrial engineering and operations research	Operations research
14.3701c	Operations Research (BUSINESS)	Engineering	Industrial engineering and operations research	Operations research
14.2701	Systems Engineering	Engineering	Industrial engineering and operations research	Systems and manufacturing engineering
14.3601	Manufacturing Engineering	Engineering	Industrial engineering and operations research	Systems and manufacturing engineering
14.1801	Materials Engineering	Engineering	Materials and mining engineering	Materials engineering
14.1801b	Materials Science and Engineering	Engineering	Materials and mining engineering	Materials science and engineering
14.0601	Ceramic Sciences and Engineering	Engineering	Materials and mining engineering	Materials and mining engineering nec
14.2001	Metallurgical Engineering	Engineering	Materials and mining engineering	Materials and mining engineering nec
14.2101	Mining and Mineral Engineering	Engineering	Materials and mining engineering	Materials and mining engineering nec
14.2801	Textile Sciences and Engineering	Engineering	Materials and mining engineering	Materials and mining engineering nec
14.1901	Mechanical Engineering	Engineering	Mechanical engineering	Mechanical engineering, general
14.4101	Electromechanical Engineering[e]	Engineering	Mechanical engineering	Mechanical engineering nec[o]
14.4201	Mechatronics, Robotics, and Automation Engineering[e]	Engineering	Mechanical engineering	Mechanical engineering nec[o]
14.0201	Aerospace, Aeronautical, and Astronautical/ Space Engineering, General	Engineering	Engineering, other	Aerospace, aeronautical, astronautical, and space engineering
14.0202	Astronautical Engineering	Engineering	Engineering, other	Aerospace, aeronautical, astronautical, and space engineering
14.0202b	Aeronautics and Astronautics[b]	Engineering	Engineering, other	Aerospace, aeronautical, astronautical, and space engineering

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
14.0299	Aerospace, Aeronautical, and Astronautical/ Space Engineering, Other	Engineering	Engineering, other	Aerospace, aeronautical, astronautical, and space engineering
15.0801	Aeronautical/ Aerospace Engineering Technology	Engineering	Engineering, other	Aerospace, aeronautical, astronautical, and space engineering
49.0101	Aeronautics/ Aviation/ Aerospace Science and Technology, General	Engineering	Engineering, other	Aerospace, aeronautical, astronautical, and space engineering
14.1101	Engineering Mechanics	Engineering	Engineering, other	Engineering mechanics, physics, and science
14.1101b	Computational Mechanics[b]	Engineering	Engineering, other	Engineering mechanics, physics, and science
14.1201	Engineering Physics	Engineering	Engineering, other	Engineering mechanics, physics, and science
14.1301	Engineering Science	Engineering	Engineering, other	Engineering mechanics, physics, and science
14.1901b	Mechanical and Aerospace Engineering[b]	Engineering	Engineering, other	Mechanical and aerospace engineering[o]
15.1601	Nanotechnology	Engineering	Engineering, other	Nanotechnology
14.2301	Nuclear Engineering	Engineering	Engineering, other	Nuclear engineering
14.0101	Engineering, General	Engineering	Engineering, other	Engineering nec
14.0102	Pre-Engineering	Engineering	Engineering, other	Engineering nec
14.0103	Applied Engineering	Engineering	Engineering, other	Engineering nec
14.0301	Agricultural Engineering	Engineering	Engineering, other	Engineering nec
14.2201	Naval Architecture and Marine Engineering	Engineering	Engineering, other	Engineering nec
14.2401	Ocean Engineering	Engineering	Engineering, other	Engineering nec
14.3401	Forest Engineering	Engineering	Engineering, other	Engineering nec
14.4801	Energy Systems Engineering, General	Engineering	Engineering, other	Engineering nec
14.4802	Power Plant Engineering	Engineering	Engineering, other	Engineering nec
14.4899	Energy Systems Engineering, Other	Engineering	Engineering, other	Engineering nec
14.9999	Engineering, Other	Engineering	Engineering, other	Engineering nec
14.9999b	Engineering Education	Engineering	Engineering, other	Engineering nec
14.9999c	Engineering Management and Administration	Engineering	Engineering, other	Engineering nec
14.9999d	Computational Engineering[b]	Engineering	Engineering, other	Engineering nec
14.9999e	Nanoengineering/Nanoscale Engineering[b]	Engineering	Engineering, other	Engineering nec
15.1501	Engineering/ Industrial Management	Engineering	Engineering, other	Engineering nec
15.1502	Engineering Design	Engineering	Engineering, other	Engineering nec
15.1503	Packaging Science	Engineering	Engineering, other	Engineering nec
15.1599	Engineering-Related Fields, Other	Engineering	Engineering, other	Engineering nec
40.0602	Geochemistry	Geosciences, atmospheric, and ocean sciences	Geological and earth sciences	Geochemistry
40.0606	Geochemistry and Petrology	Geosciences, atmospheric, and ocean sciences	Geological and earth sciences	Geochemistry
40.0601c	Geology	Geosciences, atmospheric, and ocean sciences	Geological and earth sciences	Geology

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
40.0601	Geology/ Earth Science, General	Geosciences, atmospheric, and ocean sciences	Geological and earth sciences	Geology/ earth science, general
40.0601b	Earth Science	Geosciences, atmospheric, and ocean sciences	Geological and earth sciences	Geology/ earth science, general
40.0603	Geophysics and Seismology	Geosciences, atmospheric, and ocean sciences	Geological and earth sciences	Geophysics and seismology
40.0605	Hydrology and Water Resources Science	Geosciences, atmospheric, and ocean sciences	Geological and earth sciences	Hydrology and water resources science
15.1102	Surveying Technology/ Surveying	Geosciences, atmospheric, and ocean sciences	Geological and earth sciences	Geological and earth sciences nec
30.3801	Earth Systems Science	Geosciences, atmospheric, and ocean sciences	Geological and earth sciences	Geological and earth sciences nec
30.3801b	Earth & Environmental Sciences[b]	Geosciences, atmospheric, and ocean sciences	Geological and earth sciences	Geological and earth sciences nec
30.4101	Environmental Geosciences	Geosciences, atmospheric, and ocean sciences	Geological and earth sciences	Geological and earth sciences nec
40.0604	Paleontology	Geosciences, atmospheric, and ocean sciences	Geological and earth sciences	Geological and earth sciences nec
40.0699	Geological and Earth Sciences/ Geosciences, Other	Geosciences, atmospheric, and ocean sciences	Geological and earth sciences	Geological and earth sciences nec
40.0699b	Geomorphology and Glacial Geology	Geosciences, atmospheric, and ocean sciences	Geological and earth sciences	Geological and earth sciences nec
40.0699c	Stratigraphy and Sedimentation	Geosciences, atmospheric, and ocean sciences	Geological and earth sciences	Geological and earth sciences nec
40.0401	Atmospheric Sciences and Meteorology, General	Geosciences, atmospheric, and ocean sciences	Ocean, marine, and atmospheric sciences	Atmospheric sciences and meteorology, general
30.3501	Climate Science[f]	Geosciences, atmospheric, and ocean sciences	Ocean, marine, and atmospheric sciences	Atmospheric sciences and meteorology nec
40.0404	Meteorology[f]	Geosciences, atmospheric, and ocean sciences	Ocean, marine, and atmospheric sciences	Atmospheric sciences and meteorology nec
40.0499	Atmospheric Sciences and Meteorology, Other[f]	Geosciences, atmospheric, and ocean sciences	Ocean, marine, and atmospheric sciences	Atmospheric sciences and meteorology nec
40.0499b	Planetary Sciences[b]	Geosciences, atmospheric, and ocean sciences	Ocean, marine, and atmospheric sciences	Atmospheric sciences and meteorology nec
40.0402	Atmospheric Chemistry and Climatology	Geosciences, atmospheric, and ocean sciences	Ocean, marine, and atmospheric sciences	Climatology, atmospheric chemistry/ physics
40.0403	Atmospheric Physics and Dynamics	Geosciences, atmospheric, and ocean sciences	Ocean, marine, and atmospheric sciences	Climatology, atmospheric chemistry/ physics

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
26.1302	Marine Biology and Biological Oceanography	Geosciences, atmospheric, and ocean sciences	Ocean, marine, and atmospheric sciences	Marine biology and biological oceanography
30.3201	Marine Sciences	Geosciences, atmospheric, and ocean sciences	Ocean, marine, and atmospheric sciences	Marine sciences
30.3201b	Ocean/ Marine Science, Other	Geosciences, atmospheric, and ocean sciences	Ocean, marine, and atmospheric sciences	Marine sciences
40.0607	Oceanography, Chemical and Physical	Geosciences, atmospheric, and ocean sciences	Ocean, marine, and atmospheric sciences	Oceanography, chemical/ physical
51.3203	Nursing Education	Health sciences	Nursing and nursing science	Nursing education
51.3808	Nursing Science	Health sciences	Nursing and nursing science	Nursing science
51.3801	Registered Nursing/ Registered Nurse	Health sciences	Nursing and nursing science	Nursing specialties and practice
51.3802	Nursing Administration	Health sciences	Nursing and nursing science	Nursing specialties and practice
51.3803	Adult Health Nurse/ Nursing	Health sciences	Nursing and nursing science	Nursing specialties and practice
51.3804	Nurse Anesthetist	Health sciences	Nursing and nursing science	Nursing specialties and practice
51.3805	Family Practice Nurse/ Nursing	Health sciences	Nursing and nursing science	Nursing specialties and practice
51.3806	Maternal/ Child Health and Neonatal Nurse/ Nursing	Health sciences	Nursing and nursing science	Nursing specialties and practice
51.3807	Nurse Midwife/ Nursing Midwifery	Health sciences	Nursing and nursing science	Nursing specialties and practice
51.3809	Pediatric Nurse/ Nursing	Health sciences	Nursing and nursing science	Nursing specialties and practice
51.3810	Psychiatric/ Mental Health Nurse/ Nursing	Health sciences	Nursing and nursing science	Nursing specialties and practice
51.3811	Public Health/ Community Nurse/ Nursing	Health sciences	Nursing and nursing science	Nursing specialties and practice
51.3812	Perioperative/ Operating Room and Surgical Nurse/ Nursing	Health sciences	Nursing and nursing science	Nursing specialties and practice
51.3813	Clinical Nurse Specialist	Health sciences	Nursing and nursing science	Nursing specialties and practice
51.3814	Critical Care Nursing	Health sciences	Nursing and nursing science	Nursing specialties and practice
51.3815	Occupational and Environmental Health Nursing	Health sciences	Nursing and nursing science	Nursing specialties and practice
51.3816	Emergency Room/ Trauma Nursing	Health sciences	Nursing and nursing science	Nursing specialties and practice
51.3818	Nursing Practice	Health sciences	Nursing and nursing science	Nursing specialties and practice
51.3819	Palliative Care Nursing	Health sciences	Nursing and nursing science	Nursing specialties and practice
51.3820	Clinical Nurse Leader	Health sciences	Nursing and nursing science	Nursing specialties and practice
51.3821	Geriatric Nurse/ Nursing	Health sciences	Nursing and nursing science	Nursing specialties and practice
51.3822	Women's Health Nurse/ Nursing	Health sciences	Nursing and nursing science	Nursing specialties and practice

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
51.3824	Forensic Nursing	Health sciences	Nursing and nursing science	Nursing specialties and practice
51.3899	Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing, Other	Health sciences	Nursing and nursing science	Nursing specialties and practice
51.3901	Licensed Practical/ Vocational Nurse Training	Health sciences	Nursing and nursing science	Nursing specialties and practice
51.3902	Nursing Assistant/ Aide and Patient Care Assistant/ Aide	Health sciences	Nursing and nursing science	Nursing specialties and practice
51.3999	Practical Nursing, Vocational Nursing and Nursing Assistants, Other	Health sciences	Nursing and nursing science	Nursing specialties and practice
51.2004	Medicinal and Pharmaceutical Chemistry	Health sciences	Pharmacy and pharmaceutical sciences	Medicinal and pharmaceutical chemistry
51.2010	Pharmaceutical Sciences	Health sciences	Pharmacy and pharmaceutical sciences	Pharmaceutical sciences
51.2001	Pharmacy	Health sciences	Pharmacy and pharmaceutical sciences	Pharmacy, pharmaceutical sciences, and administration nec
51.2002	Pharmacy Administration and Pharmacy Policy and Regulatory Affairs	Health sciences	Pharmacy and pharmaceutical sciences	Pharmacy, pharmaceutical sciences, and administration nec
51.2003	Pharmaceutics and Drug Design	Health sciences	Pharmacy and pharmaceutical sciences	Pharmacy, pharmaceutical sciences, and administration nec
51.2005	Natural Products Chemistry and Pharmacognosy	Health sciences	Pharmacy and pharmaceutical sciences	Pharmacy, pharmaceutical sciences, and administration nec
51.2006	Clinical and Industrial Drug Development	Health sciences	Pharmacy and pharmaceutical sciences	Pharmacy, pharmaceutical sciences, and administration nec
51.2007	Pharmacoeconomics/ Pharmaceutical Economics	Health sciences	Pharmacy and pharmaceutical sciences	Pharmacy, pharmaceutical sciences, and administration nec
51.2008	Clinical, Hospital, and Managed Care Pharmacy	Health sciences	Pharmacy and pharmaceutical sciences	Pharmacy, pharmaceutical sciences, and administration nec
51.2009	Industrial and Physical Pharmacy and Cosmetic Sciences	Health sciences	Pharmacy and pharmaceutical sciences	Pharmacy, pharmaceutical sciences, and administration nec
51.2011	Pharmaceutical Marketing and Management	Health sciences	Pharmacy and pharmaceutical sciences	Pharmacy, pharmaceutical sciences, and administration nec
51.2099	Pharmacy, Pharmaceutical Sciences, and Administration, Other	Health sciences	Pharmacy and pharmaceutical sciences	Pharmacy, pharmaceutical sciences, and administration nec
51.2202	Environmental Health	Health sciences	Public health	Environmental health
51.2211b	Health Services Research	Health sciences	Public health	Health services research
51.2205	Health/ Medical Physics	Health sciences	Public health	Health/ medical physics
51.2207	Public Health Education and Promotion	Health sciences	Public health	Public health education and promotion
51.2201	Public Health, General	Health sciences	Public health	Public health, general
51.2206	Occupational Health and Industrial Hygiene	Health sciences	Public health	Public health nec
51.2208	Community Health and Preventive Medicine	Health sciences	Public health	Public health nec
51.2209	Maternal and Child Health	Health sciences	Public health	Public health nec

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
51.2210	International Public Health/ International Health	Health sciences	Public health	Public health nec
51.2211	Health Services Administration	Health sciences	Public health	Public health nec
51.2212	Behavioral Aspects of Health	Health sciences	Public health	Public health nec
51.2213	Patient Safety and Healthcare Quality	Health sciences	Public health	Public health nec
51.2214	Public Health Genetics	Health sciences	Public health	Public health nec
51.2299	Public Health, Other	Health sciences	Public health	Public health nec
51.0201	Communication Sciences and Disorders, General	Health sciences	Health sciences, other	Communication disorders sciences
51.0202	Audiology/ Audiologist	Health sciences	Health sciences, other	Communication disorders sciences
51.0203	Speech-Language Pathology/ Pathologist	Health sciences	Health sciences, other	Communication disorders sciences
51.0204	Audiology/ Audiologist and Speech-Language Pathology/ Pathologist	Health sciences	Health sciences, other	Communication disorders sciences
51.0299	Communication Disorders Sciences and Services, Other	Health sciences	Health sciences, other	Communication disorders sciences
31.0505	Exercise Science and Kinesiology	Health sciences	Health sciences, other	Exercise science and kinesiology
51.0000	Health Services/ Allied Health/ Health Sciences, General	Health sciences	Health sciences, other	Health sciences, general
51.0000b	Health sciences, general	Health sciences	Health sciences, other	Health sciences, general
51.0001	Health and Wellness, General	Health sciences	Health sciences, other	Health sciences, general
51.1505	Marriage and Family Therapy/ Counseling	Health sciences	Health sciences, other	Marriage and family therapy/ counseling
51.1401	Medical Science/ Scientist	Health sciences	Health sciences, other	Medical clinical sciences
51.1402	Clinical and Translational Science	Health sciences	Health sciences, other	Medical clinical sciences
51.1403	Pain Management	Health sciences	Health sciences, other	Medical clinical sciences
51.1404	Temporomandibular Disorders and Orofacial Pain	Health sciences	Health sciences, other	Medical clinical sciences
51.1405	Tropical Medicine	Health sciences	Health sciences, other	Medical clinical sciences
51.1499	Medical Clinical Sciences/ Graduate Medical Studies, Other	Health sciences	Health sciences, other	Medical clinical sciences
51.1499	Medical Clinical Sciences/ Graduate Medical Studies, Other	Health sciences	Health sciences, other	Medical clinical sciences
51.1499b	Clinical Investigation and Sciences[b]	Health sciences	Health sciences, other	Medical clinical sciences
51.2703	Medical Illustration/ Medical Illustrator	Health sciences	Health sciences, other	Medical, biomedical, and health informatics
51.2706	Medical Informatics	Health sciences	Health sciences, other	Medical, biomedical, and health informatics
51.2706b	Biomedical and Health Informatics	Health sciences	Health sciences, other	Medical, biomedical, and health informatics
51.2799	Medical Illustration and Informatics, Other	Health sciences	Health sciences, other	Medical, biomedical, and health informatics
51.1501	Substance Abuse/ Addiction Counseling	Health sciences	Health sciences, other	Mental health, counseling, and therapy services and sciences
51.1502	Psychiatric/ Mental Health Services Technician	Health sciences	Health sciences, other	Mental health, counseling, and therapy services and sciences
51.1503	Clinical/ Medical Social Work	Health sciences	Health sciences, other	Mental health, counseling, and therapy services and sciences
51.1504	Community Health Services/ Liaison/ Counseling	Health sciences	Health sciences, other	Mental health, counseling, and therapy services and sciences
51.1506	Clinical Pastoral Counseling/ Patient Counseling	Health sciences	Health sciences, other	Mental health, counseling, and therapy services and sciences

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
51.1507	Psychoanalysis and Psychotherapy	Health sciences	Health sciences, other	Mental health, counseling, and therapy services and sciences
51.1508	Mental Health Counseling/ Counselor	Health sciences	Health sciences, other	Mental health, counseling, and therapy services and sciences
51.1509	Genetic Counseling/ Counselor	Health sciences	Health sciences, other	Mental health, counseling, and therapy services and sciences
51.1510	Infant/ Toddler Mental Health Services	Health sciences	Health sciences, other	Mental health, counseling, and therapy services and sciences
51.1511	Medical Family Therapy/ Therapist	Health sciences	Health sciences, other	Mental health, counseling, and therapy services and sciences
51.1512	Hospice and Palliative Care	Health sciences	Health sciences, other	Mental health, counseling, and therapy services and sciences
51.1513	Trauma Counseling	Health sciences	Health sciences, other	Mental health, counseling, and therapy services and sciences
51.1599	Mental and Social Health Services and Allied Professions, Other	Health sciences	Health sciences, other	Mental health, counseling, and therapy services and sciences
51.2300	Rehabilitation and Therapeutic Professions, General	Health sciences	Health sciences, other	Rehabilitation and therapeutic sciences
51.2301	Art Therapy/ Therapist	Health sciences	Health sciences, other	Rehabilitation and therapeutic sciences
51.2302	Dance Therapy/ Therapist	Health sciences	Health sciences, other	Rehabilitation and therapeutic sciences
51.2305	Music Therapy/ Therapist	Health sciences	Health sciences, other	Rehabilitation and therapeutic sciences
51.2306	Occupational Therapy/ Therapist	Health sciences	Health sciences, other	Rehabilitation and therapeutic sciences
51.2307	Orthotist/ Prosthetist	Health sciences	Health sciences, other	Rehabilitation and therapeutic sciences
51.2308	Physical Therapy/ Therapist	Health sciences	Health sciences, other	Rehabilitation and therapeutic sciences
51.2309	Therapeutic Recreation/ Recreational Therapy	Health sciences	Health sciences, other	Rehabilitation and therapeutic sciences
51.2310	Vocational Rehabilitation Counseling/ Counselor	Health sciences	Health sciences, other	Rehabilitation and therapeutic sciences
51.2311	Kinesiotherapy/ Kinesiotherapist	Health sciences	Health sciences, other	Rehabilitation and therapeutic sciences
51.2312	Assistive/ Augmentative Technology and Rehabilitation Engineering	Health sciences	Health sciences, other	Rehabilitation and therapeutic sciences
51.2313	Animal-Assisted Therapy	Health sciences	Health sciences, other	Rehabilitation and therapeutic sciences
51.2314	Rehabilitation Science	Health sciences	Health sciences, other	Rehabilitation and therapeutic sciences
51.2315	Drama Therapy/ Therapist	Health sciences	Health sciences, other	Rehabilitation and therapeutic sciences
51.2316	Horticulture Therapy/ Therapist	Health sciences	Health sciences, other	Rehabilitation and therapeutic sciences
51.2317	Play Therapy/ Therapist	Health sciences	Health sciences, other	Rehabilitation and therapeutic sciences
51.2399	Rehabilitation and Therapeutic Professions, Other	Health sciences	Health sciences, other	Rehabilitation and therapeutic sciences
51.0101	Chiropractic	Health sciences	Health sciences, other	Health sciences nec
51.0401	Dentistry	Health sciences	Health sciences, other	Health sciences nec
51.0501	Dental Clinical Sciences, General	Health sciences	Health sciences, other	Health sciences nec
51.0502	Advanced General Dentistry	Health sciences	Health sciences, other	Health sciences nec

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
51.0503	Oral Biology and Oral and Maxillofacial Pathology	Health sciences	Health sciences, other	Health sciences nec
51.0504	Dental Public Health and Education	Health sciences	Health sciences, other	Health sciences nec
51.0505	Dental Materials	Health sciences	Health sciences, other	Health sciences nec
51.0506	Endodontics/ Endodontology	Health sciences	Health sciences, other	Health sciences nec
51.0507	Oral/ Maxillofacial Surgery	Health sciences	Health sciences, other	Health sciences nec
51.0508	Orthodontics/ Orthodontology	Health sciences	Health sciences, other	Health sciences nec
51.0509	Pediatric Dentistry/ Pedodontics	Health sciences	Health sciences, other	Health sciences nec
51.0510	Periodontics/ Periodontology	Health sciences	Health sciences, other	Health sciences nec
51.0511	Prosthodontics/ Prosthodontology	Health sciences	Health sciences, other	Health sciences nec
51.0512	Digital Dentistry	Health sciences	Health sciences, other	Health sciences nec
51.0513	Geriatric Dentistry	Health sciences	Health sciences, other	Health sciences nec
51.0514	Implantology/ Implant Dentistry	Health sciences	Health sciences, other	Health sciences nec
51.0599	Advanced/ Graduate Dentistry and Oral Sciences, Other	Health sciences	Health sciences, other	Health sciences nec
51.0601	Dental Assisting/ Assistant	Health sciences	Health sciences, other	Health sciences nec
51.0602	Dental Hygiene/ Hygienist	Health sciences	Health sciences, other	Health sciences nec
51.0603	Dental Laboratory Technology	Health sciences	Health sciences, other	Health sciences nec
51.0699	Dental Services and Allied Professions, Other	Health sciences	Health sciences, other	Health sciences nec
51.0701	Health/ Health Care Administration/ Management	Health sciences	Health sciences, other	Health sciences nec
51.0702	Hospital and Health Care Facilities Administration/ Management	Health sciences	Health sciences, other	Health sciences nec
51.0703	Health Unit Coordinator/ Ward Clerk	Health sciences	Health sciences, other	Health sciences nec
51.0704	Health Unit Manager/ Ward Supervisor	Health sciences	Health sciences, other	Health sciences nec
51.0705	Medical Office Management/ Administration	Health sciences	Health sciences, other	Health sciences nec
51.0706	Health Information/ Medical Records Administration/ Administrator	Health sciences	Health sciences, other	Health sciences nec
51.0707	Health Information/ Medical Records Technology	Health sciences	Health sciences, other	Health sciences nec
51.0708	Medical Transcription/ Transcriptionist	Health sciences	Health sciences, other	Health sciences nec
51.0709	Medical Office Computer Specialist/ Assistant	Health sciences	Health sciences, other	Health sciences nec
51.0710	Medical Office Assistant/ Specialist	Health sciences	Health sciences, other	Health sciences nec
51.0711	Medical/ Health Management and Clinical Assistant/ Specialist	Health sciences	Health sciences, other	Health sciences nec
51.0712	Medical Reception/ Receptionist	Health sciences	Health sciences, other	Health sciences nec
51.0713	Medical Insurance Coding Specialist/ Coder	Health sciences	Health sciences, other	Health sciences nec
51.0714	Medical Insurance Specialist/ Medical Biller	Health sciences	Health sciences, other	Health sciences nec
51.0715	Health/ Medical Claims Examiner	Health sciences	Health sciences, other	Health sciences nec
51.0716	Medical Administrative/ Executive Assistant and Medical Secretary	Health sciences	Health sciences, other	Health sciences nec
51.0717	Medical Staff Services Technology	Health sciences	Health sciences, other	Health sciences nec
51.0718	Long Term Care Administration/ Management	Health sciences	Health sciences, other	Health sciences nec
51.0719	Clinical Research Coordinator	Health sciences	Health sciences, other	Health sciences nec
51.0720	Regulatory Science/ Affairs	Health sciences	Health sciences, other	Health sciences nec
51.0721	Disease Registry Data Management	Health sciences	Health sciences, other	Health sciences nec
51.0722	Healthcare Innovation	Health sciences	Health sciences, other	Health sciences nec

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
51.0723	Healthcare Information Privacy Assurance and Security	Health sciences	Health sciences, other	Health sciences nec
51.0799	Health and Medical Administrative Services, Other	Health sciences	Health sciences, other	Health sciences nec
51.0801	Medical/ Clinical Assistant	Health sciences	Health sciences, other	Health sciences nec
51.0802	Clinical/ Medical Laboratory Assistant	Health sciences	Health sciences, other	Health sciences nec
51.0803	Occupational Therapist Assistant	Health sciences	Health sciences, other	Health sciences nec
51.0805	Pharmacy Technician/ Assistant	Health sciences	Health sciences, other	Health sciences nec
51.0806	Physical Therapy Assistant	Health sciences	Health sciences, other	Health sciences nec
51.0809	Anesthesiologist Assistant	Health sciences	Health sciences, other	Health sciences nec
51.0810	Emergency Care Attendant (EMT Ambulance)	Health sciences	Health sciences, other	Health sciences nec
51.0811	Pathology/ Pathologist Assistant	Health sciences	Health sciences, other	Health sciences nec
51.0812	Respiratory Therapy Technician/ Assistant	Health sciences	Health sciences, other	Health sciences nec
51.0813	Chiropractic Technician/ Assistant	Health sciences	Health sciences, other	Health sciences nec
51.0814	Radiologist Assistant	Health sciences	Health sciences, other	Health sciences nec
51.0815	Lactation Consultant	Health sciences	Health sciences, other	Health sciences nec
51.0816	Speech-Language Pathology Assistant	Health sciences	Health sciences, other	Health sciences nec
51.0899	Allied Health and Medical Assisting Services, Other	Health sciences	Health sciences, other	Health sciences nec
51.0901	Cardiovascular Technology/ Technologist	Health sciences	Health sciences, other	Health sciences nec
51.0902	Electrocardiograph Technology	Health sciences	Health sciences, other	Health sciences nec
51.0903	Electroneurodiagnostic/ Electroencephalographic Technology/ Technologist	Health sciences	Health sciences, other	Health sciences nec
51.0904	Emergency Medical Technology (EMT Paramedic)	Health sciences	Health sciences, other	Health sciences nec
51.0905	Nuclear Medical Technology/ Technologist	Health sciences	Health sciences, other	Health sciences nec
51.0906	Perfusion Technology/ Perfusionist	Health sciences	Health sciences, other	Health sciences nec
51.0907	Medical Radiologic Technology/ Science - Radiation Therapist	Health sciences	Health sciences, other	Health sciences nec
51.0908	Respiratory Care Therapy/ Therapist	Health sciences	Health sciences, other	Health sciences nec
51.0909	Surgical Technology/ Technologist	Health sciences	Health sciences, other	Health sciences nec
51.0910	Diagnostic Medical Sonography/ Sonographer and Ultrasound Technician	Health sciences	Health sciences, other	Health sciences nec
51.0911	Radiologic Technology/ Science - Radiographer	Health sciences	Health sciences, other	Health sciences nec
51.0912	Physician Assistant	Health sciences	Health sciences, other	Health sciences nec
51.0913	Athletic Training/ Trainer	Health sciences	Health sciences, other	Health sciences nec
51.0914	Gene/ Genetic Therapy	Health sciences	Health sciences, other	Health sciences nec
51.0915	Cardiopulmonary Technology/ Technologist	Health sciences	Health sciences, other	Health sciences nec
51.0916	Radiation Protection/ Health Physics Technician	Health sciences	Health sciences, other	Health sciences nec
51.0917	Polysomnography	Health sciences	Health sciences, other	Health sciences nec
51.0918	Hearing Instrument Specialist	Health sciences	Health sciences, other	Health sciences nec
51.0919	Mammography Technology	Health sciences	Health sciences, other	Health sciences nec
51.0920	Magnetic Resonance Imaging (MRI) Technology	Health sciences	Health sciences, other	Health sciences nec
51.0921	Hyperbaric Medicine Technology	Health sciences	Health sciences, other	Health sciences nec

Table A-5

Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
51.0922	Intraoperative Neuromonitoring Technology	Health sciences	Health sciences, other	Health sciences nec
51.0923	Orthopedic Technology	Health sciences	Health sciences, other	Health sciences nec
51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	Health sciences	Health sciences, other	Health sciences nec
51.1001	Blood Bank Technology Specialist	Health sciences	Health sciences, other	Health sciences nec
51.1002	Cytotechnology/ Cytotechnologist	Health sciences	Health sciences, other	Health sciences nec
51.1003	Hematology Technology	Health sciences	Health sciences, other	Health sciences nec
51.1004	Clinical/ Medical Laboratory Technician	Health sciences	Health sciences, other	Health sciences nec
51.1005	Clinical Laboratory Science/ Medical Technology/ Technologist	Health sciences	Health sciences, other	Health sciences nec
51.1006	Ophthalmic Laboratory Technology	Health sciences	Health sciences, other	Health sciences nec
51.1007	Histologic Technology/ Histotechnologist	Health sciences	Health sciences, other	Health sciences nec
51.1008	Histologic Technician	Health sciences	Health sciences, other	Health sciences nec
51.1009	Phlebotomy Technician/ Phlebotomist	Health sciences	Health sciences, other	Health sciences nec
51.1010	Cytogenetics/ Genetics/ Clinical Genetics Technology/ Technologist	Health sciences	Health sciences, other	Health sciences nec
51.1011	Renal/ Dialysis Technologist/ Technician	Health sciences	Health sciences, other	Health sciences nec
51.1012	Sterile Processing Technology	Health sciences	Health sciences, other	Health sciences nec
51.1099	Clinical/ Medical Laboratory Science and Allied Professions, Other	Health sciences	Health sciences, other	Health sciences nec
51.1101	Pre-Dentistry Studies	Health sciences	Health sciences, other	Health sciences nec
51.1102	Pre-Medicine/ Pre-Medical Studies	Health sciences	Health sciences, other	Health sciences nec
51.1103	Pre-Pharmacy Studies	Health sciences	Health sciences, other	Health sciences nec
51.1105	Pre-Nursing Studies	Health sciences	Health sciences, other	Health sciences nec
51.1106	Pre-Chiropractic Studies	Health sciences	Health sciences, other	Health sciences nec
51.1107	Pre-Occupational Therapy Studies	Health sciences	Health sciences, other	Health sciences nec
51.1108	Pre-Optometry Studies	Health sciences	Health sciences, other	Health sciences nec
51.1109	Pre-Physical Therapy Studies	Health sciences	Health sciences, other	Health sciences nec
51.1110	Pre-Art Therapy	Health sciences	Health sciences, other	Health sciences nec
51.1111	Pre-Physician Assistant	Health sciences	Health sciences, other	Health sciences nec
51.1199	Health/ Medical Preparatory Programs, Other	Health sciences	Health sciences, other	Health sciences nec
51.1201	Medicine	Health sciences	Health sciences, other	Health sciences nec
51.1202	Osteopathic Medicine/ Osteopathy	Health sciences	Health sciences, other	Health sciences nec
51.1203	Podiatric Medicine/ Podiatry	Health sciences	Health sciences, other	Health sciences nec
51.1299	Medicine, Other	Health sciences	Health sciences, other	Health sciences nec
51.1701	Optometry	Health sciences	Health sciences, other	Health sciences nec
51.1801	Opticianry/ Ophthalmic Dispensing Optician	Health sciences	Health sciences, other	Health sciences nec
51.1802	Optometric Technician/ Assistant	Health sciences	Health sciences, other	Health sciences nec
51.1803	Ophthalmic Technician/ Technologist	Health sciences	Health sciences, other	Health sciences nec
51.1804	Orthoptics/ Orthoptist	Health sciences	Health sciences, other	Health sciences nec
51.1899	Ophthalmic and Optometric Support Services and Allied Professions, Other	Health sciences	Health sciences, other	Health sciences nec
51.2601	Health Aide	Health sciences	Health sciences, other	Health sciences nec
51.2602	Home Health Aide/ Home Attendant	Health sciences	Health sciences, other	Health sciences nec
51.2603	Medication Aide	Health sciences	Health sciences, other	Health sciences nec
51.2604	Rehabilitation Aide	Health sciences	Health sciences, other	Health sciences nec
51.2605	Physical Therapy Technician/ Aide	Health sciences	Health sciences, other	Health sciences nec
51.2699	Health Aides/ Attendants/ Orderlies, Other	Health sciences	Health sciences, other	Health sciences nec

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
51.3101	Dietetics/ Dietitian	Health sciences	Health sciences, other	Health sciences nec
51.3102	Clinical Nutrition/ Nutritionist	Health sciences	Health sciences, other	Health sciences nec
51.3103	Dietetic Technician	Health sciences	Health sciences, other	Health sciences nec
51.3104	Dietitian Assistant	Health sciences	Health sciences, other	Health sciences nec
51.3199	Dietetics and Clinical Nutrition Services, Other	Health sciences	Health sciences, other	Health sciences nec
51.3201	Bioethics/ Medical Ethics	Health sciences	Health sciences, other	Health sciences nec
51.3202	Health Professions Education	Health sciences	Health sciences, other	Health sciences nec
51.3204	Medical/ Health Humanities	Health sciences	Health sciences, other	Health sciences nec
51.3205	History of Medicine	Health sciences	Health sciences, other	Health sciences nec
51.3206	Arts in Medicine/ Health	Health sciences	Health sciences, other	Health sciences nec
51.3299	Health Professions Education, Ethics, and Humanities, Other	Health sciences	Health sciences, other	Health sciences nec
51.3300	Alternative and Complementary Medicine and Medical Systems, General	Health sciences	Health sciences, other	Health sciences nec
51.3301	Acupuncture and Oriental Medicine	Health sciences	Health sciences, other	Health sciences nec
51.3302	Traditional Chinese Medicine and Chinese Herbology	Health sciences	Health sciences, other	Health sciences nec
51.3303	Naturopathic Medicine/ Naturopathy	Health sciences	Health sciences, other	Health sciences nec
51.3304	Homeopathic Medicine/ Homeopathy	Health sciences	Health sciences, other	Health sciences nec
51.3305	Ayurvedic Medicine/ Ayurveda	Health sciences	Health sciences, other	Health sciences nec
51.3306	Holistic/ Integrative Health	Health sciences	Health sciences, other	Health sciences nec
51.3399	Alternative and Complementary Medicine and Medical Systems, Other	Health sciences	Health sciences, other	Health sciences nec
51.3401	Direct Entry Midwifery	Health sciences	Health sciences, other	Health sciences nec
51.3499	Alternative and Complementary Medical Support Services, Other	Health sciences	Health sciences, other	Health sciences nec
51.3501	Massage Therapy/ Therapeutic Massage	Health sciences	Health sciences, other	Health sciences nec
51.3502	Asian Bodywork Therapy	Health sciences	Health sciences, other	Health sciences nec
51.3503	Somatic Bodywork	Health sciences	Health sciences, other	Health sciences nec
51.3599	Somatic Bodywork and Related Therapeutic Services, Other	Health sciences	Health sciences, other	Health sciences nec
51.3601	Movement Therapy and Movement Education	Health sciences	Health sciences, other	Health sciences nec
51.3602	Yoga Teacher Training/ Yoga Therapy	Health sciences	Health sciences, other	Health sciences nec
51.3603	Hypnotherapy/ Hypnotherapist	Health sciences	Health sciences, other	Health sciences nec
51.3699	Movement and Mind-Body Therapies and Education, Other	Health sciences	Health sciences, other	Health sciences nec
51.3701	Aromatherapy	Health sciences	Health sciences, other	Health sciences nec
51.3702	Herbalism/ Herbalist	Health sciences	Health sciences, other	Health sciences nec
51.3703	Polarity Therapy	Health sciences	Health sciences, other	Health sciences nec
51.3704	Reiki	Health sciences	Health sciences, other	Health sciences nec
51.3799	Energy and Biologically Based Therapies, Other	Health sciences	Health sciences, other	Health sciences nec
51.9999	Health Professions and Related Clinical Sciences, Other	Health sciences	Health sciences, other	Health sciences nec
51.9999b	Health Sciences, Other	Health sciences	Health sciences, other	Health sciences nec
27.0301	Applied Mathematics, General	Mathematics and statistics	Applied mathematics	Applied mathematics, general
27.0303	Computational Mathematics	Mathematics and statistics	Applied mathematics	Computational and applied mathematics
27.0304	Computational and Applied Mathematics	Mathematics and statistics	Applied mathematics	Computational and applied mathematics

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
27.0305	Financial Mathematics	Mathematics and statistics	Applied mathematics	Applied mathematics nec
27.0306	Mathematical Biology	Mathematics and statistics	Applied mathematics	Applied mathematics nec
27.0399	Applied Mathematics, Other	Mathematics and statistics	Applied mathematics	Applied mathematics nec
52.1304	Actuarial Science	Mathematics and statistics	Applied mathematics	Applied mathematics nec
27.0102	Algebra and Number Theory	Mathematics and statistics	Mathematics	Algebra and number theory
27.0102b	Algebra	Mathematics and statistics	Mathematics	Algebra and number theory
27.0102c	Number Theory	Mathematics and statistics	Mathematics	Algebra and number theory
27.0101	Mathematics, General	Mathematics and statistics	Mathematics	Mathematics, general
27.0101b	Mathematical Sciences[b]	Mathematics and statistics	Mathematics	Mathematics, general
27.0103	Analysis and Functional Analysis	Mathematics and statistics	Mathematics	Mathematics nec
27.0104	Geometry/ Geometric Analysis	Mathematics and statistics	Mathematics	Mathematics nec
27.0105	Topology and Foundations	Mathematics and statistics	Mathematics	Mathematics nec
27.0199	Mathematics, Other	Mathematics and statistics	Mathematics	Mathematics nec
27.0199c	Logic (MATHEMATICS)	Mathematics and statistics	Mathematics	Mathematics nec
27.0601	Applied Statistics, General	Mathematics and statistics	Statistics	Applied statistics, general
27.0502	Mathematical Statistics and Probability[g]	Mathematics and statistics	Statistics	Mathematics and statistics
27.0503	Mathematics and Statistics	Mathematics and statistics	Statistics	Mathematics and statistics
27.9999	Mathematics and Statistics, Other[h]	Mathematics and statistics	Statistics	Mathematics and statistics
27.0501	Statistics (MATHEMATICS)	Mathematics and statistics	Statistics	Statistics
27.0599	Statistics, Other	Mathematics and statistics	Statistics	Statistics nec
27.0599b	Statistics (SOCIAL SCIENCES)	Mathematics and statistics	Statistics	Statistics nec
30.9999d	Computer Science and Engineering	Multidisciplinary/ interdisciplinary sciences	Interdisciplinary computer sciences	Computer science and engineering
30.9999b	Electrical Engineering and Computer Science	Multidisciplinary/ interdisciplinary sciences	Interdisciplinary computer sciences	Electrical engineering and computer science
30.0801	Mathematics and Computer Science	Multidisciplinary/ interdisciplinary sciences	Interdisciplinary computer sciences	Interdisciplinary computer sciences nec
30.1601	Accounting and Computer Science	Multidisciplinary/ interdisciplinary sciences	Interdisciplinary computer sciences	Interdisciplinary computer sciences nec

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
30.3101	Human Computer Interaction	Multidisciplinary/ interdisciplinary sciences	Interdisciplinary computer sciences	Interdisciplinary computer sciences nec
30.3901	Economics and Computer Science	Multidisciplinary/ interdisciplinary sciences	Interdisciplinary computer sciences	Interdisciplinary computer sciences nec
30.4801	Linguistics and Computer Science	Multidisciplinary/ interdisciplinary sciences	Interdisciplinary computer sciences	Interdisciplinary computer sciences nec
30.1701	Behavioral Sciences	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	Behavioral and cognitive sciences
30.2501	Cognitive Science, General	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	Behavioral and cognitive sciences
30.2502	Contemplative Studies/ Inquiry	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	Behavioral and cognitive sciences
30.2599	Cognitive Science, Other	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	Behavioral and cognitive sciences
30.3001	Computational Science	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	Computational science and engineering
30.3001b	Computational Science and Engineering	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	Computational science and engineering
30.3001c	Computational Science, Engineering, and Mathematics[b]	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	Computational science and engineering
30.7099b	Data Mining and Machine Learning[b]	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	Data mining and machine learning[o]
30.7001	Data Science, General	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	Data science and data analytics
30.7099	Data Science, Other	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	Data science and data analytics
30.7101	Data Analytics, General	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	Data science and data analytics
30.7102	Business Analytics	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	Data science and data analytics
30.7103	Data Visualization	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	Data science and data analytics
30.7104	Financial Analytics	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	Data science and data analytics
30.7199	Data Analytics, Other	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	Data science and data analytics
30.1501	Science, Technology and Society	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	History/ philosophy of science, technology, and society

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
54.0104	History and Philosophy of Science and Technology	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	History/ philosophy of science, technology, and society
30.9999c	Nanosciences/ Nanoscale Sciences	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	Nanoscience/ nanoscale science
30.1901	Nutrition Sciences	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	Nutrition sciences
30.0101	Biological and Physical Sciences	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	Multidisciplinary/ interdisciplinary sciences nec
30.0501	Peace Studies and Conflict Resolution	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	Multidisciplinary/ interdisciplinary sciences nec
30.0501b	Conflict Analysis and Resolution[b]	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	Multidisciplinary/ interdisciplinary sciences nec
30.0601	Systems Science and Theory	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	Multidisciplinary/ interdisciplinary sciences nec
30.1001	Biopsychology	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	Multidisciplinary/ interdisciplinary sciences nec
30.1801	Natural Sciences	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	Multidisciplinary/ interdisciplinary sciences nec
30.2001	International/ Globalization Studies	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	Multidisciplinary/ interdisciplinary sciences nec
30.2101	Holocaust and Related Studies	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	Multidisciplinary/ interdisciplinary sciences nec
30.2301	Intercultural/ Multicultural and Diversity Studies	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	Multidisciplinary/ interdisciplinary sciences nec
30.2601	Cultural Studies/ Critical Theory and Analysis	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	Multidisciplinary/ interdisciplinary sciences nec
30.2701	Human Biology	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	Multidisciplinary/ interdisciplinary sciences nec
30.3301	Sustainability Studies	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	Multidisciplinary/ interdisciplinary sciences nec
30.3401	Anthrozoology	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	Multidisciplinary/ interdisciplinary sciences nec
30.3701	Design for Human Health	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	Multidisciplinary/ interdisciplinary sciences nec
30.4001	Economics and Foreign Language/ Literature	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	Multidisciplinary/ interdisciplinary sciences nec
30.4201	Geoarcheaology	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	Multidisciplinary/ interdisciplinary sciences nec

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
30.4301	Geobiology	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	Multidisciplinary/ interdisciplinary sciences nec
30.4401	Geography and Environmental Studies	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	Multidisciplinary/ interdisciplinary sciences nec
30.4601	History and Political Science	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	Multidisciplinary/ interdisciplinary sciences nec
30.4901	Mathematical Economics	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	Multidisciplinary/ interdisciplinary sciences nec
30.5001	Mathematics and Atmospheric/ Oceanic Science	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	Multidisciplinary/ interdisciplinary sciences nec
30.5101	Philosophy, Politics, and Economics	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	Multidisciplinary/ interdisciplinary sciences nec
30.5301	Thanatology	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	Multidisciplinary/ interdisciplinary sciences nec
30.9999e	Polymer Science and Engineering[b]	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	Multidisciplinary/ interdisciplinary sciences nec
30.9999z	Multidisciplinary/ Interdisciplinary Sciences, Other[i]	Multidisciplinary/ interdisciplinary sciences	Multidisciplinary/ interdisciplinary sciences, other	Multidisciplinary/ interdisciplinary sciences nec
40.0201	Astronomy	Physical sciences	Astronomy and astrophysics	Astronomy
40.0202	Astrophysics	Physical sciences	Astronomy and astrophysics	Astrophysics
40.0203	Planetary Astronomy and Science	Physical sciences	Astronomy and astrophysics	Astronomy and astrophysics nec
40.0299	Astronomy and Astrophysics, Other	Physical sciences	Astronomy and astrophysics	Astronomy and astrophysics nec
40.0299b	Cosmology[b]	Physical sciences	Astronomy and astrophysics	Astronomy and astrophysics nec
40.0502	Analytical Chemistry	Physical sciences	Chemistry	Analytical chemistry
40.0599b	Chemical Biology	Physical sciences	Chemistry	Chemical biology
40.0501	Chemistry, General	Physical sciences	Chemistry	Chemistry, general
40.0503	Inorganic Chemistry	Physical sciences	Chemistry	Inorganic chemistry
40.0504	Organic Chemistry	Physical sciences	Chemistry	Organic chemistry
40.0506	Physical Chemistry	Physical sciences	Chemistry	Physical chemistry
40.0507	Polymer Chemistry	Physical sciences	Chemistry	Polymer chemistry
40.0511	Theoretical Chemistry	Physical sciences	Chemistry	Theoretical and computational chemistry
40.0511b	Computational Chemistry[b]	Physical sciences	Chemistry	Theoretical and computational chemistry
40.0508	Chemical Physics	Physical sciences	Chemistry	Chemistry nec
40.0509	Environmental Chemistry	Physical sciences	Chemistry	Chemistry nec
40.0510	Forensic Chemistry	Physical sciences	Chemistry	Chemistry nec
40.0512	Cheminformatics/ Chemistry Informatics	Physical sciences	Chemistry	Chemistry nec
40.0599	Chemistry, Other	Physical sciences	Chemistry	Chemistry nec
40.1001	Materials Science	Physical sciences	Materials sciences	Materials science

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
40.1002	Materials Chemistry	Physical sciences	Materials sciences	Materials chemistry and materials sciences nec
40.1099	Materials Sciences, Other	Physical sciences	Materials sciences	Materials chemistry and materials sciences nec
40.1099b	Fiber and Polymer Sciences[b]	Physical sciences	Materials sciences	Materials chemistry and materials sciences nec
40.0899b	Applied Physics	Physical sciences	Physics	Applied physics
40.0802	Atomic/ Molecular Physics	Physical sciences	Physics	Atomic/ molecular physics
40.0808	Condensed Matter and Materials Physics	Physical sciences	Physics	Condensed matter and materials physics
40.0804	Elementary Particle Physics	Physical sciences	Physics	Elementary particle physics
40.0806	Nuclear Physics	Physical sciences	Physics	Nuclear physics
40.0807	Optics/ Optical Sciences	Physical sciences	Physics	Optics/ optical sciences
40.1101	Physics and Astronomy	Physical sciences	Physics	Physics and astronomy
40.0801	Physics, General	Physical sciences	Physics	Physics, general
40.0805	Plasma and High-Temperature Physics	Physical sciences	Physics	Plasma and high-temperature physics
40.0810	Theoretical and Mathematical Physics	Physical sciences	Physics	Theoretical and mathematical physics
40.0101	Physical Sciences, General	Physical sciences	Physics	Physics and physical sciences nec
40.0808b	Polymer Physics	Physical sciences	Physics	Physics and physical sciences nec
40.0809	Acoustics	Physical sciences	Physics	Physics and physical sciences nec
40.0899	Physics, Other	Physical sciences	Physics	Physics and physical sciences nec
40.9999	Physical Sciences, Other	Physical sciences	Physics	Physics and physical sciences nec
40.9999b	Polymer Sciences[b]	Physical sciences	Physics	Physics and physical sciences nec
42.2807	Clinical Child Psychology	Psychology	Clinical psychology	Clinical child psychology
42.2801	Clinical Psychology	Psychology	Clinical psychology	Clinical psychology
42.2814	Applied Behavior Analysis	Psychology	Counseling and applied psychology	Applied behavior analysis
42.2803	Counseling Psychology	Psychology	Counseling and applied psychology	Counseling psychology
42.2806	Educational Psychology (PSYCHOLOGY)	Psychology	Counseling and applied psychology	Educational psychology
42.2806b	Educational Psychology (EDUCATION)	Psychology	Counseling and applied psychology	Educational psychology
42.2804	Industrial and Organizational Psychology	Psychology	Counseling and applied psychology	Industrial and organizational psychology
42.2805	School Psychology (PSYCHOLOGY)	Psychology	Counseling and applied psychology	School psychology
42.2805b	School Psychology (EDUCATION)	Psychology	Counseling and applied psychology	School psychology
42.2802	Community Psychology	Psychology	Counseling and applied psychology	Counseling and applied psychology nec
42.2808	Environmental Psychology	Psychology	Counseling and applied psychology	Counseling and applied psychology nec
42.2809	Geropsychology	Psychology	Counseling and applied psychology	Counseling and applied psychology nec

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
42.2810	Health/ Medical Psychology	Psychology	Counseling and applied psychology	Counseling and applied psychology nec
42.2811	Family Psychology	Psychology	Counseling and applied psychology	Counseling and applied psychology nec
42.2812	Forensic Psychology	Psychology	Counseling and applied psychology	Counseling and applied psychology nec
42.2813	Applied Psychology	Psychology	Counseling and applied psychology	Counseling and applied psychology nec
42.2815	Performance and Sport Psychology	Psychology	Counseling and applied psychology	Counseling and applied psychology nec
42.2816	Somatic Psychology	Psychology	Counseling and applied psychology	Counseling and applied psychology nec
42.2817	Transpersonal/ Spiritual Psychology	Psychology	Counseling and applied psychology	Counseling and applied psychology nec
42.2899	Clinical, Counseling and Applied Psychology, Other	Psychology	Counseling and applied psychology	Counseling and applied psychology nec
42.2706	Behavioral Neuroscience	Psychology	Research and experimental psychology	Behavioral neuroscience
42.2701	Cognitive Psychology and Psycholinguistics	Psychology	Research and experimental psychology	Cognitive psychology and psycholinguistics
42.2703	Developmental and Child Psychology	Psychology	Research and experimental psychology	Developmental and child psychology
42.2704	Experimental Psychology	Psychology	Research and experimental psychology	Experimental psychology
42.2707	Social Psychology	Psychology	Research and experimental psychology	Social psychology
42.2702	Comparative Psychology	Psychology	Research and experimental psychology	Research and experimental psychology nec
42.2705	Personality Psychology	Psychology	Research and experimental psychology	Research and experimental psychology nec
42.2708	Psychometrics and Quantitative Psychology	Psychology	Research and experimental psychology	Research and experimental psychology nec
42.2709	Psychopharmacology	Psychology	Research and experimental psychology	Research and experimental psychology nec
42.2710	Developmental and Adolescent Psychology	Psychology	Research and experimental psychology	Research and experimental psychology nec
42.2799	Research and Experimental Psychology, Other	Psychology	Research and experimental psychology	Research and experimental psychology nec
42.2799b	Physiological/ Psychobiology Psychology	Psychology	Research and experimental psychology	Research and experimental psychology nec
42.2799c	Human Factors Psychology[b]	Psychology	Research and experimental psychology	Research and experimental psychology nec
19.0701	Human Development and Family Studies, General	Psychology	Psychology, other	Human development
19.0702	Adult Development and Aging	Psychology	Psychology, other	Human development
19.0706	Child Development	Psychology	Psychology, other	Human development
42.0101	Psychology, General	Psychology	Psychology, other	Psychology, general
42.9999	Psychology, Other	Psychology	Psychology, other	Psychology nec
45.0201	Anthropology, General	Social sciences	Anthropology	Anthropology, general
45.0204	Cultural Anthropology	Social sciences	Anthropology	Cultural anthropology
45.0202	Physical and Biological Anthropology	Social sciences	Anthropology	Physical and biological anthropology
45.0203	Medical Anthropology	Social sciences	Anthropology	Anthropology nec
45.0205	Forensic Anthropology	Social sciences	Anthropology	Anthropology nec

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
45.0299	Anthropology, Other	Social sciences	Anthropology	Anthropology nec
05.0101	African Studies	Social sciences	Area, ethnic, cultural, gender, and group studies	Area studies
05.0102	American/ United States Studies/ Civilization	Social sciences	Area, ethnic, cultural, gender, and group studies	Area studies
05.0103	Asian Studies/ Civilization	Social sciences	Area, ethnic, cultural, gender, and group studies	Area studies
05.0104	East Asian Studies	Social sciences	Area, ethnic, cultural, gender, and group studies	Area studies
05.0105	Russian, Central European, East European and Eurasian Studies	Social sciences	Area, ethnic, cultural, gender, and group studies	Area studies
05.0106	European Studies/ Civilization	Social sciences	Area, ethnic, cultural, gender, and group studies	Area studies
05.0107	Latin American Studies	Social sciences	Area, ethnic, cultural, gender, and group studies	Area studies
05.0108	Near and Middle Eastern Studies	Social sciences	Area, ethnic, cultural, gender, and group studies	Area studies
05.0109	Pacific Area/ Pacific Rim Studies	Social sciences	Area, ethnic, cultural, gender, and group studies	Area studies
05.0110	Russian Studies	Social sciences	Area, ethnic, cultural, gender, and group studies	Area studies
05.0111	Scandinavian Studies	Social sciences	Area, ethnic, cultural, gender, and group studies	Area studies
05.0112	South Asian Studies	Social sciences	Area, ethnic, cultural, gender, and group studies	Area studies
05.0113	Southeast Asian Studies	Social sciences	Area, ethnic, cultural, gender, and group studies	Area studies
05.0114	Western European Studies	Social sciences	Area, ethnic, cultural, gender, and group studies	Area studies
05.0115	Canadian Studies	Social sciences	Area, ethnic, cultural, gender, and group studies	Area studies
05.0116	Balkans Studies	Social sciences	Area, ethnic, cultural, gender, and group studies	Area studies
05.0117	Baltic Studies	Social sciences	Area, ethnic, cultural, gender, and group studies	Area studies
05.0118	Slavic Studies	Social sciences	Area, ethnic, cultural, gender, and group studies	Area studies
05.0119	Caribbean Studies	Social sciences	Area, ethnic, cultural, gender, and group studies	Area studies
05.0120	Ural-Altaic and Central Asian Studies	Social sciences	Area, ethnic, cultural, gender, and group studies	Area studies
05.0121	Commonwealth Studies	Social sciences	Area, ethnic, cultural, gender, and group studies	Area studies
05.0122	Regional Studies (US, Canadian, Foreign)	Social sciences	Area, ethnic, cultural, gender, and group studies	Area studies
05.0123	Chinese Studies	Social sciences	Area, ethnic, cultural, gender, and group studies	Area studies
05.0124	French Studies	Social sciences	Area, ethnic, cultural, gender, and group studies	Area studies
05.0125	German Studies	Social sciences	Area, ethnic, cultural, gender, and group studies	Area studies
05.0126	Italian Studies	Social sciences	Area, ethnic, cultural, gender, and group studies	Area studies
05.0127	Japanese Studies	Social sciences	Area, ethnic, cultural, gender, and group studies	Area studies

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
05.0128	Korean Studies	Social sciences	Area, ethnic, cultural, gender, and group studies	Area studies
05.0129	Polish Studies	Social sciences	Area, ethnic, cultural, gender, and group studies	Area studies
05.0130	Spanish and Iberian Studies	Social sciences	Area, ethnic, cultural, gender, and group studies	Area studies
05.0131	Tibetan Studies	Social sciences	Area, ethnic, cultural, gender, and group studies	Area studies
05.0132	Ukraine Studies	Social sciences	Area, ethnic, cultural, gender, and group studies	Area studies
05.0133	Irish Studies	Social sciences	Area, ethnic, cultural, gender, and group studies	Area studies
05.0134	Latin American and Caribbean Studies	Social sciences	Area, ethnic, cultural, gender, and group studies	Area studies
05.0135	Appalachian Studies	Social sciences	Area, ethnic, cultural, gender, and group studies	Area studies
05.0136	Arctic Studies	Social sciences	Area, ethnic, cultural, gender, and group studies	Area studies
05.0199	Area Studies, Other	Social sciences	Area, ethnic, cultural, gender, and group studies	Area studies
05.0200	Ethnic Studies	Social sciences	Area, ethnic, cultural, gender, and group studies	Ethnic studies
05.0201	African-American/ Black Studies	Social sciences	Area, ethnic, cultural, gender, and group studies	Ethnic studies
05.0202	American Indian/ Native American Studies	Social sciences	Area, ethnic, cultural, gender, and group studies	Ethnic studies
05.0203	Hispanic-American, Puerto Rican, Latinx, and Mexican-American/ Chicano Studies	Social sciences	Area, ethnic, cultural, gender, and group studies	Ethnic studies
05.0206	Asian-American Studies	Social sciences	Area, ethnic, cultural, gender, and group studies	Ethnic studies
05.0207	Women's Studies	Social sciences	Area, ethnic, cultural, gender, and group studies	Area, ethnic, cultural, gender, and group studies nec
05.0208	Gay/ Lesbian Studies	Social sciences	Area, ethnic, cultural, gender, and group studies	Area, ethnic, cultural, gender, and group studies nec
05.0209	Folklore Studies	Social sciences	Area, ethnic, cultural, gender, and group studies	Area, ethnic, cultural, gender, and group studies nec
05.0210	Disability Studies	Social sciences	Area, ethnic, cultural, gender, and group studies	Area, ethnic, cultural, gender, and group studies nec
05.0211	Deaf Studies	Social sciences	Area, ethnic, cultural, gender, and group studies	Area, ethnic, cultural, gender, and group studies nec
05.0212	Comparative Group Studies	Social sciences	Area, ethnic, cultural, gender, and group studies	Area, ethnic, cultural, gender, and group studies nec
05.0299	Ethnic, Cultural Minority, Gender, and Group Studies, Other	Social sciences	Area, ethnic, cultural, gender, and group studies	Area, ethnic, cultural, gender, and group studies nec
05.9999	Area, Ethnic, Cultural, Gender, and Group Studies, Other	Social sciences	Area, ethnic, cultural, gender, and group studies	Area, ethnic, cultural, gender, and group studies nec
01.0103	Agricultural Economics	Social sciences	Economics	Agricultural economics
45.0602	Applied Economics	Social sciences	Economics	Applied economics
45.0604	Development Economics and International Development	Social sciences	Economics	Development economics and international development
45.0603	Econometrics and Quantitative Economics	Social sciences	Economics	Econometrics and quantitative economics
45.0601	Economics, General	Social sciences	Economics	Economics, general

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
03.0204	Environmental/ Natural Resource Economics (NATURAL RESOURCES/ CONSERVATION SCIENCES)	Social sciences	Economics	Environmental/ natural resource economics
45.0602b	Environmental/ Natural Resource Economics (SOCIAL SCIENCES)	Social sciences	Economics	Environmental/ natural resource economics
45.0605	International Economics	Social sciences	Economics	Economics nec
45.0699	Economics, Other	Social sciences	Economics	Economics nec
45.1001	Political Science and Government, General	Social sciences	Political science and government	Political science and government, general
45.1002	American Government and Politics (United States)	Social sciences	Political science and government	Political science and government nec
45.1003	Canadian Government and Politics	Social sciences	Political science and government	Political science and government nec
45.1004	Political Economy	Social sciences	Political science and government	Political science and government nec
45.1099	Political Science and Government, Other	Social sciences	Political science and government	Political science and government nec
44.0502	Education Policy Analysis	Social sciences	Public policy analysis	Education policy analysis
44.0503	Health Policy Analysis	Social sciences	Public policy analysis	Health policy analysis
44.0501	Public Policy Analysis, General	Social sciences	Public policy analysis	Public policy analysis, general
44.0504	International Policy Analysis	Social sciences	Public policy analysis	Public policy nec
44.0599	Public Policy Analysis, Other	Social sciences	Public policy analysis	Public policy nec
44.0599b	Public Policy and Administration[b]	Social sciences	Public policy analysis	Public policy nec
45.1101	Sociology, General	Social sciences	Sociology, demography, and population studies	Sociology, general
45.0501	Demography and Population Studies	Social sciences	Sociology, demography, and population studies	Sociology, demography, and population studies nec
45.0502	Applied Demography	Social sciences	Sociology, demography, and population studies	Sociology, demography, and population studies nec
45.0599	Demography, Other	Social sciences	Sociology, demography, and population studies	Sociology, demography, and population studies nec
45.1102	Applied/ Public Sociology	Social sciences	Sociology, demography, and population studies	Sociology, demography, and population studies nec
45.1103	Rural Sociology	Social sciences	Sociology, demography, and population studies	Sociology, demography, and population studies nec
45.1199	Sociology, Other	Social sciences	Sociology, demography, and population studies	Sociology, demography, and population studies nec
16.0105	Applied Linguistics	Social sciences	Social sciences, other	Applied linguistics
16.0199	Linguistic, Comparative, and Related Language Studies and Services, Other	Social sciences	Social sciences, other	Applied linguistics
45.0301	Archaeology/ Archeology (SOCIAL SCIENCES)	Social sciences	Social sciences, other	Archeology
45.0301b	Archaeology/ Archeology (HUMANITIES)	Social sciences	Social sciences, other	Archeology
45.0401	Criminology	Social sciences	Social sciences, other	Criminology
45.0701	Geography	Social sciences	Social sciences, other	Geography and cartography
45.0702	Geographic Information Science and Cartography	Social sciences	Social sciences, other	Geography and cartography
45.0799	Geography, Other	Social sciences	Social sciences, other	Geography and cartography
45.0901	International Relations and Affairs	Social sciences	Social sciences, other	International relations and national security studies
45.0902	National Security Policy Studies	Social sciences	Social sciences, other	International relations and national security studies
45.0999	International Relations and National Security Studies, Other	Social sciences	Social sciences, other	International relations and national security studies

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
16.0102	Linguistics	Social sciences	Social sciences, other	Linguistics
30.1101	Gerontology (MULTIDISCIPLINARY STUDIES)	Social sciences	Social sciences, other	Social sciences nec
30.1101b	Gerontology (HEALTH SCIENCES)	Social sciences	Social sciences, other	Social sciences nec
30.1101c	Gerontology (SOCIAL SCIENCES)	Social sciences	Social sciences, other	Social sciences nec
30.4701	Linguistics and Anthropology	Social sciences	Social sciences, other	Social sciences nec
43.0104	Criminal Justice/ Safety Studies[j]	Social sciences	Social sciences, other	Social sciences nec
45.0101	Social Sciences, General	Social sciences	Social sciences, other	Social sciences nec
45.0102	Research Methodology and Quantitative Methods	Social sciences	Social sciences, other	Social sciences nec
45.0103	Survey Research/ Methodology	Social sciences	Social sciences, other	Social sciences nec
45.0199	Social Sciences, Other	Social sciences	Social sciences, other	Social sciences nec
45.1201	Urban Studies/ Affairs	Social sciences	Social sciences, other	Social sciences nec
45.1301	Sociology and Anthropology	Social sciences	Social sciences, other	Social sciences nec
45.1501	Geography and Anthropology	Social sciences	Social sciences, other	Social sciences nec
45.9999	Social Sciences, Other	Social sciences	Social sciences, other	Social sciences nec
52.0201	Business Administration and Management, General	Business	Business administration and management	Business management and administration
52.0201b	Business Management/ Administration	Business	Business administration and management	Business management and administration
52.0213	Organizational Leadership	Business	Business administration and management	Organizational leadership
49.0104	Aviation/ Airway Management and Operations	Business	Business administration and management	Business administration and management nec
52.0202	Purchasing, Procurement/ Acquisitions and Contracts Management	Business	Business administration and management	Business administration and management nec
52.0203	Logistics, Materials, and Supply Chain Management	Business	Business administration and management	Business administration and management nec
52.0204	Office Management and Supervision	Business	Business administration and management	Business administration and management nec
52.0205	Operations Management and Supervision	Business	Business administration and management	Business administration and management nec
52.0206	Non-Profit/ Public/ Organizational Management	Business	Business administration and management	Business administration and management nec
52.0207	Customer Service Management	Business	Business administration and management	Business administration and management nec
52.0208	E-Commerce/ Electronic Commerce	Business	Business administration and management	Business administration and management nec
52.0209	Transportation/ Mobility Management	Business	Business administration and management	Business administration and management nec
52.0210	Research and Development Management	Business	Business administration and management	Business administration and management nec
52.0211	Project Management	Business	Business administration and management	Business administration and management nec
52.0212	Retail Management	Business	Business administration and management	Business administration and management nec
52.0214	Research Administration	Business	Business administration and management	Business administration and management nec
52.0215	Risk Management	Business	Business administration and management	Business administration and management nec
52.0216	Science/ Technology Management	Business	Business administration and management	Business administration and management nec
52.0299	Business Administration, Management and Operations, Other	Business	Business administration and management	Business administration and management nec

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
52.0301	Accounting	Business	Business, other	Accounting and accounting-related
52.0302	Accounting Technology and Bookkeeping	Business	Business, other	Accounting and accounting-related
52.0303	Auditing	Business	Business, other	Accounting and accounting-related
52.0304	Accounting and Finance	Business	Business, other	Accounting and accounting-related
52.0305	Accounting and Business/ Management	Business	Business, other	Accounting and accounting-related
52.0399	Accounting and Related Services, Other	Business	Business, other	Accounting and accounting-related
52.0801	Finance, General	Business	Business, other	Finance and financial management
52.0803	Banking and Financial Support Services	Business	Business, other	Finance and financial management
52.0804	Financial Planning and Services	Business	Business, other	Finance and financial management
52.0806	International Finance	Business	Business, other	Finance and financial management
52.0807	Investments and Securities	Business	Business, other	Finance and financial management
52.0808	Public Finance	Business	Business, other	Finance and financial management
52.0809	Credit Management	Business	Business, other	Finance and financial management
52.0810	Financial Risk Management	Business	Business, other	Finance and financial management
52.0899	Finance and Financial Management Services, Other	Business	Business, other	Finance and financial management
52.1201	Management Information Systems, General	Business	Business, other	Management information systems
52.1206	Information Resources Management	Business	Business, other	Management information systems
52.1207	Knowledge Management	Business	Business, other	Management information systems
52.1299	Management Information Systems and Services, Other	Business	Business, other	Management information systems
52.0601	Business/ Managerial Economics	Business	Business, other	Management sciences
52.1301	Management Science	Business	Business, other	Management sciences
52.1302	Business Statistics	Business	Business, other	Management sciences
52.1399	Management Sciences and Quantitative Methods, Other	Business	Business, other	Management sciences
52.1401	Marketing/ Marketing Management, General	Business	Business, other	Marketing
52.1402	Marketing Research	Business	Business, other	Marketing
52.1403	International Marketing	Business	Business, other	Marketing
52.1404	Digital Marketing	Business	Business, other	Marketing
52.1499	Marketing, Other	Business	Business, other	Marketing
52.1003	Organizational Behavior Studies	Business	Business, other	Organizational behavior studies
52.0101	Business/ Commerce, General	Business	Business, other	Business nec
52.0401	Administrative Assistant and Secretarial Science, General	Business	Business, other	Business nec
52.0402	Executive Assistant/ Executive Secretary	Business	Business, other	Business nec

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
52.0406	Receptionist	Business	Business, other	Business nec
52.0407	Business/ Office Automation/ Technology/ Data Entry	Business	Business, other	Business nec
52.0408	General Office Occupations and Clerical Services	Business	Business, other	Business nec
52.0409	Parts, Warehousing, and Inventory Management Operations	Business	Business, other	Business nec
52.0410	Traffic, Customs, and Transportation Clerk/ Technician	Business	Business, other	Business nec
52.0411	Customer Service Support/ Call Center/ Teleservice Operation	Business	Business, other	Business nec
52.0499	Business Operations Support and Secretarial Services, Other	Business	Business, other	Business nec
52.0501	Business/ Corporate Communications, General	Business	Business, other	Business nec
52.0502	Grantsmanship	Business	Business, other	Business nec
52.0599	Business/ Corporate Communications, Other	Business	Business, other	Business nec
52.0701	Entrepreneurship/ Entrepreneurial Studies	Business	Business, other	Business nec
52.0702	Franchising and Franchise Operations	Business	Business, other	Business nec
52.0703	Small Business Administration/ Management	Business	Business, other	Business nec
52.0704	Social Entrepreneurship	Business	Business, other	Business nec
52.0799	Entrepreneurial and Small Business Operations, Other	Business	Business, other	Business nec
52.0901	Hospitality Administration/ Management, General	Business	Business, other	Business nec
52.0903	Tourism and Travel Services Management	Business	Business, other	Business nec
52.0904	Hotel/ Motel Administration/ Management	Business	Business, other	Business nec
52.0905	Restaurant/ Food Services Management	Business	Business, other	Business nec
52.0906	Resort Management	Business	Business, other	Business nec
52.0907	Meeting and Event Planning	Business	Business, other	Business nec
52.0908	Casino Management	Business	Business, other	Business nec
52.0909	Hotel, Motel, and Restaurant Management	Business	Business, other	Business nec
52.0910	Brewery/ Brewpub Operations/ Management	Business	Business, other	Business nec
52.0999	Hospitality Administration/ Management, Other	Business	Business, other	Business nec
52.1001	Human Resources Management/ Personnel Administration, General	Business	Business, other	Business nec
52.1002	Labor and Industrial Relations	Business	Business, other	Business nec
52.1004	Labor Studies	Business	Business, other	Business nec
52.1005	Human Resources Development	Business	Business, other	Business nec
52.1006	Executive/ Career Coaching	Business	Business, other	Business nec
52.1099	Human Resources Management and Services, Other	Business	Business, other	Business nec
52.1101	International Business/ Trade/ Commerce	Business	Business, other	Business nec
52.1501	Real Estate	Business	Business, other	Business nec
52.1601	Taxation	Business	Business, other	Business nec
52.1701	Insurance	Business	Business, other	Business nec
52.1801	Sales, Distribution, and Marketing Operations, General	Business	Business, other	Business nec

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
52.1802	Merchandising and Buying Operations	Business	Business, other	Business nec
52.1803	Retailing and Retail Operations	Business	Business, other	Business nec
52.1804	Selling Skills and Sales Operations	Business	Business, other	Business nec
52.1899	General Merchandising, Sales, and Related Marketing Operations, Other	Business	Business, other	Business nec
52.1901	Auctioneering	Business	Business, other	Business nec
52.1902	Fashion Merchandising	Business	Business, other	Business nec
52.1903	Fashion Modeling	Business	Business, other	Business nec
52.1904	Apparel and Accessories Marketing Operations	Business	Business, other	Business nec
52.1905	Tourism and Travel Services Marketing Operations	Business	Business, other	Business nec
52.1906	Tourism Promotion Operations	Business	Business, other	Business nec
52.1907	Vehicle and Vehicle Parts and Accessories Marketing Operations	Business	Business, other	Business nec
52.1908	Business and Personal/ Financial Services Marketing Operations	Business	Business, other	Business nec
52.1909	Special Products Marketing Operations	Business	Business, other	Business nec
52.1910	Hospitality and Recreation Marketing Operations	Business	Business, other	Business nec
52.1999	Specialized Merchandising, Sales, and Marketing Operations, Other	Business	Business, other	Business nec
52.2001	Construction Management, General	Business	Business, other	Business nec
52.2002	Construction Project Management	Business	Business, other	Business nec
52.2099	Construction Management, Other	Business	Business, other	Business nec
52.2101	Telecommunications Management	Business	Business, other	Business nec
52.9999	Business, Management, Marketing, and Related Support Services, Other	Business	Business, other	Business nec
13.0401	Educational Leadership and Administration, General	Education	Education leadership and administration	Educational leadership and administration, general
13.0406	Higher Education/ Higher Education Administration	Education	Education leadership and administration	Higher education and community college administration
13.0407	Community College Administration	Education	Education leadership and administration	Higher education and community college administration
13.0402	Administration of Special Education	Education	Education leadership and administration	Education leadership and administration nec
13.0403	Adult and Continuing Education Administration	Education	Education leadership and administration	Education leadership and administration nec
13.0404	Educational, Instructional, and Curriculum Supervision	Education	Education leadership and administration	Education leadership and administration nec
13.0408	Elementary and Middle School Administration/ Principalship	Education	Education leadership and administration	Education leadership and administration nec
13.0409	Secondary School Administration/ Principalship	Education	Education leadership and administration	Education leadership and administration nec
13.0410	Urban Education and Leadership	Education	Education leadership and administration	Education leadership and administration nec
13.0411	Superintendency and Educational System Administration	Education	Education leadership and administration	Education leadership and administration nec
13.0412	International School Administration/ Leadership	Education	Education leadership and administration	Education leadership and administration nec
13.0413	Education Entrepreneurship	Education	Education leadership and administration	Education leadership and administration nec

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
13.0414	Early Childhood Program Administration	Education	Education leadership and administration	Education leadership and administration nec
13.0499	Educational Administration and Supervision, Other	Education	Education leadership and administration	Education leadership and administration nec
13.0499b	Education and Human Resource Studies/ Development	Education	Education leadership and administration	Education leadership and administration nec
13.0499c	Organizational Leadership and Policy Development (Education)[b]	Education	Education leadership and administration	Education leadership and administration nec
13.0301	Curriculum and Instruction	Education	Education research	Curriculum and instruction
13.0601	Educational Evaluation and Research	Education	Education research	Educational assessment, evaluation, and research methods
13.0603	Educational Statistics and Research Methods	Education	Education research	Educational assessment, evaluation, and research methods
13.0604	Educational Assessment, Testing, and Measurement	Education	Education research	Educational assessment, evaluation, and research methods
13.0607	Learning Sciences	Education	Education research	Educational assessment, evaluation, and research methods
13.0699	Educational Assessment, Evaluation, and Research, Other	Education	Education research	Educational assessment, evaluation, and research methods
13.0501	Educational/ Instructional Technology	Education	Education research	Educational/ instructional technology and media design
13.0501b	Educational/ Instructional Media Design	Education	Education research	Educational/ instructional technology and media design
13.0501c	Learning/Instructional Design and Technology[b]	Education	Education research	Educational/ instructional technology and media design
13.0608	Institutional Research	Education	Education research	Higher education evaluation and research
13.0699b	Higher Education Evaluation and Research	Education	Education research	Higher education evaluation and research
13.1101	Counselor Education/ School Counseling and Guidance Services	Education	Education research	Student counseling and personnel services
13.1102	College Student Counseling and Personnel Services	Education	Education research	Student counseling and personnel services
13.1199	Student Counseling and Personnel Services, Other	Education	Education research	Student counseling and personnel services
13.0701	International and Comparative Education	Education	Education research	Education research nec
13.0901	Social and Philosophical Foundations of Education	Education	Education research	Education research nec
13.1201	Adult and Continuing Education and Teaching	Education	Teacher education	Adult, continuing, and workforce education and development
13.1201b	Workforce Education and Development	Education	Teacher education	Adult, continuing, and workforce education and development
13.0201	Bilingual and Multilingual Education	Education	Teacher education	Bilingual, multilingual, and multicultural education
13.0202	Multicultural Education	Education	Teacher education	Bilingual, multilingual, and multicultural education
13.0203	Indian/ Native American Education	Education	Teacher education	Bilingual, multilingual, and multicultural education

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
13.0299	Bilingual, Multilingual, and Multicultural Education, Other	Education	Teacher education	Bilingual, multilingual, and multicultural education
13.1311	Mathematics Teacher Education	Education	Teacher education	Mathematics teacher education
13.1312	Music Teacher Education	Education	Teacher education	Music teacher education
13.1001	Special Education and Teaching, General	Education	Teacher education	Special education and teaching
13.1003	Education/ Teaching of Individuals with Hearing Impairments Including Deafness	Education	Teacher education	Special education and teaching
13.1004	Education/ Teaching of the Gifted and Talented	Education	Teacher education	Special education and teaching
13.1005	Education/ Teaching of Individuals with Emotional Disturbances	Education	Teacher education	Special education and teaching
13.1006	Education/ Teaching of Individuals with Intellectual Disabilities	Education	Teacher education	Special education and teaching
13.1007	Education/ Teaching of Individuals with Multiple Disabilities	Education	Teacher education	Special education and teaching
13.1008	Education/ Teaching of Individuals with Orthopedic and Other Physical Health Impairments	Education	Teacher education	Special education and teaching
13.1009	Education/ Teaching of Individuals with Vision Impairments Including Blindness	Education	Teacher education	Special education and teaching
13.1011	Education/ Teaching of Individuals with Specific Learning Disabilities	Education	Teacher education	Special education and teaching
13.1012	Education/ Teaching of Individuals with Speech or Language Impairments	Education	Teacher education	Special education and teaching
13.1013	Education/ Teaching of Individuals with Autism	Education	Teacher education	Special education and teaching
13.1014	Education/ Teaching of Individuals Who are Developmentally Delayed	Education	Teacher education	Special education and teaching
13.1015	Education/ Teaching of Individuals in Early Childhood Special Education Programs	Education	Teacher education	Special education and teaching
13.1016	Education/ Teaching of Individuals with Traumatic Brain Injuries	Education	Teacher education	Special education and teaching
13.1017	Education/ Teaching of Individuals in Elementary Special Education Programs	Education	Teacher education	Special education and teaching
13.1018	Education/ Teaching of Individuals in Junior High/ Middle School Special Education Programs	Education	Teacher education	Special education and teaching
13.1019	Education/ Teaching of Individuals in Secondary Special Education Programs	Education	Teacher education	Special education and teaching
13.1099	Special Education and Teaching, Other	Education	Teacher education	Special education and teaching
13.1213	Science, Technology, Engineering, and Mathematics (STEM) Educational Methods	Education	Teacher education	STEM educational methods
13.1301	Agricultural Teacher Education	Education	Teacher education	Teacher education, science and engineering
13.1316	Science Teacher Education/ General Science Teacher Education	Education	Teacher education	Teacher education, science and engineering
13.1317	Social Science Teacher Education	Education	Teacher education	Teacher education, science and engineering
13.1321	Computer Teacher Education	Education	Teacher education	Teacher education, science and engineering
13.1322	Biology Teacher Education	Education	Teacher education	Teacher education, science and engineering

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
13.1323	Chemistry Teacher Education	Education	Teacher education	Teacher education, science and engineering
13.1329	Physics Teacher Education	Education	Teacher education	Teacher education, science and engineering
13.1332	Geography Teacher Education	Education	Teacher education	Teacher education, science and engineering
13.1335	Psychology Teacher Education	Education	Teacher education	Teacher education, science and engineering
13.1337	Earth Science Teacher Education	Education	Teacher education	Teacher education, science and engineering
13.1338	Environmental Education	Education	Teacher education	Teacher education, science and engineering
13.1202	Elementary Education and Teaching	Education	Teacher education	Teacher education, specific levels and methods
13.1203	Junior High/ Intermediate/ Middle School Education and Teaching	Education	Teacher education	Teacher education, specific levels and methods
13.1205	Secondary Education and Teaching	Education	Teacher education	Teacher education, specific levels and methods
13.1206	Teacher Education, Multiple Levels	Education	Teacher education	Teacher education, specific levels and methods
13.1207	Montessori Teacher Education	Education	Teacher education	Teacher education, specific levels and methods
13.1208	Waldorf/ Steiner Teacher Education	Education	Teacher education	Teacher education, specific levels and methods
13.1209	Kindergarten/ Preschool Education and Teaching	Education	Teacher education	Teacher education, specific levels and methods
13.1210	Early Childhood Education and Teaching	Education	Teacher education	Teacher education, specific levels and methods
13.1211	Online Educator/ Online Teaching	Education	Teacher education	Teacher education, specific levels and methods
13.1212	International Teaching and Learning	Education	Teacher education	Teacher education, specific levels and methods
13.1214	College/ Postsecondary/ University Teaching	Education	Teacher education	Teacher education, specific levels and methods
13.1214b	Developmental Education[b]	Education	Teacher education	Teacher education, specific levels and methods
13.1299	Teacher Education and Professional Development, Specific Levels and Methods, Other	Education	Teacher education	Teacher education, specific levels and methods
13.1299b	Teaching and Learning[b]	Education	Teacher education	Teacher education, specific levels and methods
13.1302	Art Teacher Education	Education	Teacher education	Teacher education, specific subject areas
13.1303	Business and Innovation/ Entrepreneurship Teacher Education	Education	Teacher education	Teacher education, specific subject areas
13.1304	Driver and Safety Teacher Education	Education	Teacher education	Teacher education, specific subject areas
13.1305	English/ Language Arts Teacher Education	Education	Teacher education	Teacher education, specific subject areas
13.1306	Foreign Language Teacher Education	Education	Teacher education	Teacher education, specific subject areas
13.1307	Health Teacher Education[k]	Education	Teacher education	Teacher education, specific subject areas
13.1308	Family and Consumer Sciences/ Home Economics Teacher Education	Education	Teacher education	Teacher education, specific subject areas

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
13.1309	Technology Teacher Education/ Industrial Arts Teacher Education	Education	Teacher education	Teacher education, specific subject areas
13.1310	Sales and Marketing Operations/ Marketing and Distribution Teacher Education	Education	Teacher education	Teacher education, specific subject areas
13.1314	Physical Education Teaching and Coaching	Education	Teacher education	Teacher education, specific subject areas
13.1315	Reading Teacher Education	Education	Teacher education	Teacher education, specific subject areas
13.1315b	Language and Literacy Education[b]	Education	Teacher education	Teacher education, specific subject areas
13.1318	Social Studies Teacher Education	Education	Teacher education	Teacher education, specific subject areas
13.1319	Technical Teacher Education	Education	Teacher education	Teacher education, specific subject areas
13.1320	Trade and Industrial Teacher Education	Education	Teacher education	Teacher education, specific subject areas
13.1324	Drama and Dance Teacher Education	Education	Teacher education	Teacher education, specific subject areas
13.1325	French Language Teacher Education	Education	Teacher education	Teacher education, specific subject areas
13.1326	German Language Teacher Education	Education	Teacher education	Teacher education, specific subject areas
13.1327	Health Occupations Teacher Education	Education	Teacher education	Teacher education, specific subject areas
13.1328	History Teacher Education	Education	Teacher education	Teacher education, specific subject areas
13.1330	Spanish Language Teacher Education	Education	Teacher education	Teacher education, specific subject areas
13.1331	Speech Teacher Education	Education	Teacher education	Teacher education, specific subject areas
13.1333	Latin Teacher Education	Education	Teacher education	Teacher education, specific subject areas
13.1334	School Librarian/ School Library Media Specialist	Education	Teacher education	Teacher education, specific subject areas
13.1339	Communication Arts and Literature Teacher Education	Education	Teacher education	Teacher education, specific subject areas
13.1399	Teacher Education and Professional Development, Specific Subject Areas, Other	Education	Teacher education	Teacher education, specific subject areas
13.1401	Teaching English as a Second or Foreign Language/ ESL Language Instructor	Education	Teacher education	Teacher education, specific subject areas
13.1402	Teaching French as a Second or Foreign Language	Education	Teacher education	Teacher education, specific subject areas
13.1499	Teaching English or French as a Second or Foreign Language, Other	Education	Teacher education	Teacher education, specific subject areas
13.0101	Education, General	Education	Education, other	Education, general
13.0101b	Educational Studies[b]	Education	Education, other	Education, general
13.1501	Teacher Assistant/ Aide	Education	Education, other	Education nec
13.1502	Adult Literacy Tutor/ Instructor	Education	Education, other	Education nec
13.1599	Teaching Assistants/ Aides, Other	Education	Education, other	Education nec
13.9999	Education, Other	Education	Education, other	Education nec
23.1402	American Literature (United States)	Humanities	English language and literature, letters	American literature (United States)

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
23.1402b	African-American/ Black Literature	Humanities	English language and literature, letters	American literature (United States)
23.1302	Creative Writing	Humanities	English language and literature, letters	Creative writing
23.0101	English Language and Literature, General	Humanities	English language and literature, letters	English language and literature, general
23.1404	English Literature (British and Commonwealth)	Humanities	English language and literature, letters	English literature (British and Commonwealth)
23.1301	Writing, General	Humanities	English language and literature, letters	Rhetoric, composition, and writing studies
23.1303	Professional, Technical, Business, and Scientific Writing	Humanities	English language and literature, letters	Rhetoric, composition, and writing studies
23.1304	Rhetoric and Composition	Humanities	English language and literature, letters	Rhetoric, composition, and writing studies
23.1399	Rhetoric and Composition/ Writing Studies, Other	Humanities	English language and literature, letters	Rhetoric, composition, and writing studies
23.1401	General Literature	Humanities	English language and literature, letters	English language and literature nec
23.1403	American Literature (Canadian)	Humanities	English language and literature, letters	English language and literature nec
23.1405	Children's and Adolescent Literature	Humanities	English language and literature, letters	English language and literature nec
23.1499	Literature, Other	Humanities	English language and literature, letters	English language and literature nec
23.9999	English Language and Literature/ Letters, Other	Humanities	English language and literature, letters	English language and literature nec
16.0104	Comparative Literature	Humanities	Foreign languages, literatures, and linguistics	Comparative literature
16.0908	Hispanic and Latin American Languages, Literatures, and Linguistics, General	Humanities	Foreign languages, literatures, and linguistics	Hispanic and Latin American languages, literatures, and linguistics
16.0900	Romance Languages, Literatures, and Linguistics, General	Humanities	Foreign languages, literatures, and linguistics	Romance languages, literatures, and linguistics
16.0901	French Language and Literature	Humanities	Foreign languages, literatures, and linguistics	Romance languages, literatures, and linguistics
16.0902	Italian Language and Literature	Humanities	Foreign languages, literatures, and linguistics	Romance languages, literatures, and linguistics
16.0904	Portuguese Language and Literature	Humanities	Foreign languages, literatures, and linguistics	Romance languages, literatures, and linguistics
16.0906	Romanian Language and Literature	Humanities	Foreign languages, literatures, and linguistics	Romance languages, literatures, and linguistics
16.0999	Romance Languages, Literatures, and Linguistics, Other	Humanities	Foreign languages, literatures, and linguistics	Romance languages, literatures, and linguistics
16.0905	Spanish Language and Literature	Humanities	Foreign languages, literatures, and linguistics	Spanish language and literature
16.0907	Catalan Language and Literature	Humanities	Foreign languages, literatures, and linguistics	Spanish language and literature
16.0101	Foreign Languages and Literatures, General	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.0103	Language Interpretation and Translation	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.0201	African Languages, Literatures, and Linguistics	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.0300	East Asian Languages, Literatures, and Linguistics, General	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
16.0301	Chinese Language and Literature	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.0302	Japanese Language and Literature	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.0303	Korean Language and Literature	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.0304	Tibetan Language and Literature	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.0399	East Asian Languages, Literatures, and Linguistics, Other	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.0400	Slavic Languages, Literatures, and Linguistics, General	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.0401	Baltic Languages, Literatures, and Linguistics	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.0402	Russian Language and Literature	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.0404	Albanian Language and Literature	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.0405	Bulgarian Language and Literature	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.0406	Czech Language and Literature	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.0407	Polish Language and Literature	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.0408	Bosnian, Serbian, and Croatian Languages and Literatures	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.0409	Slovak Language and Literature	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.0410	Ukrainian Language and Literature	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.0499	Slavic, Baltic, and Albanian Languages, Literatures, and Linguistics, Other	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.0500	Germanic Languages, Literatures, and Linguistics, General	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.0501	German Language and Literature	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.0502	Scandinavian Languages, Literatures, and Linguistics	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.0503	Danish Language and Literature	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.0504	Dutch/ Flemish Language and Literature	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.0505	Norwegian Language and Literature	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.0506	Swedish Language and Literature	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.0599	Germanic Languages, Literatures, and Linguistics, Other	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.0601	Modern Greek Language and Literature	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.0700	South Asian Languages, Literatures, and Linguistics, General	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.0701	Hindi Language and Literature	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
16.0702	Sanskrit and Classical Indian Languages, Literatures, and Linguistics	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.0704	Bengali Language and Literature	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.0705	Punjabi Language and Literature	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.0706	Tamil Language and Literature	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.0707	Urdu Language and Literature	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.0799	South Asian Languages, Literatures, and Linguistics, Other	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.0801	Iranian Languages, Literatures, and Linguistics	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.1001	American Indian/ Native American Languages, Literatures, and Linguistics	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.1100	Middle/ Near Eastern and Semitic Languages, Literatures, and Linguistics, General	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.1101	Arabic Language and Literature	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.1102	Hebrew Language and Literature	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.1103	Ancient Near Eastern and Biblical Languages, Literatures, and Linguistics	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.1199	Middle/ Near Eastern and Semitic Languages, Literatures, and Linguistics, Other	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.1301	Celtic Languages, Literatures, and Linguistics	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.1400	Southeast Asian Languages, Literatures, and Linguistics, General	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.1401	Australian/ Oceanic/ Pacific Languages, Literatures, and Linguistics	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.1402	Indonesian/ Malay Languages and Literatures	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.1403	Burmese Language and Literature	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.1404	Filipino/ Tagalog Language and Literature	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.1405	Khmer/ Cambodian Language and Literature	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.1406	Lao Language and Literature	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.1407	Thai Language and Literature	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.1408	Vietnamese Language and Literature	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.1409	Hawaiian Language and Literature	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.1499	Southeast Asian and Australasian/ Pacific Languages, Literatures, and Linguistics, Other	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.1501	Turkish Language and Literature	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
16.1502	Uralic Languages, Literatures, and Linguistics	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.1503	Hungarian/ Magyar Language and Literature	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.1504	Mongolian Language and Literature	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.1599	Turkic, Uralic-Altaic, Caucasian, and Central Asian Languages, Literatures, and Linguistics, Other	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.1601	American Sign Language (ASL)	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.1602	Linguistics of ASL and Other Sign Languages	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.1603	Sign Language Interpretation and Translation	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.1699	American Sign Language, Other	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.1701	English as a Second Language	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.1801	Armenian Language and Literature	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
16.9999	Foreign Languages, Literatures, and Linguistics, Other	Humanities	Foreign languages, literatures, and linguistics	Foreign languages, literatures, and linguistics nec
54.0102	American History (United States)	Humanities	History	American history (United States)
54.0102b	African-American/ Black History	Humanities	History	American history (United States)
54.0103	European History	Humanities	History	European history
54.0101	History, General	Humanities	History	History, general
54.0106	Asian History	Humanities	History	History, regional focus
54.0107	Canadian History	Humanities	History	History, regional focus
54.0199c	African History	Humanities	History	History, regional focus
54.0199d	Latin American History	Humanities	History	History, regional focus
54.0199e	Middle/ Near East History	Humanities	History	History, regional focus
54.0105	Public/ Applied History	Humanities	History	History nec
54.0108	Military History	Humanities	History	History nec
54.0199	History, Other	Humanities	History	History nec
38.0001	Philosophy and Religious Studies, General	Humanities	Philosophy and religious studies	Philosophy
38.0101	Philosophy	Humanities	Philosophy and religious studies	Philosophy
38.0102	Logic (PHIOLOSPHY)	Humanities	Philosophy and religious studies	Philosophy
38.0103	Ethics	Humanities	Philosophy and religious studies	Philosophy
38.0104	Applied and Professional Ethics	Humanities	Philosophy and religious studies	Philosophy
38.0199	Philosophy, Other	Humanities	Philosophy and religious studies	Philosophy
38.9999	Philosophy and Religious Studies, Other	Humanities	Philosophy and religious studies	Philosophy
38.0201	Religion/ Religious Studies	Humanities	Philosophy and religious studies	Religion/ religious studies

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
38.0202	Buddhist Studies	Humanities	Philosophy and religious studies	Philosophy and religious studies nec
38.0203	Christian Studies	Humanities	Philosophy and religious studies	Philosophy and religious studies nec
38.0204	Hindu Studies	Humanities	Philosophy and religious studies	Philosophy and religious studies nec
38.0205	Islamic Studies	Humanities	Philosophy and religious studies	Philosophy and religious studies nec
38.0206	Jewish/ Judaic Studies	Humanities	Philosophy and religious studies	Philosophy and religious studies nec
38.0207	Talmudic Studies	Humanities	Philosophy and religious studies	Philosophy and religious studies nec
38.0208	Catholic Studies	Humanities	Philosophy and religious studies	Philosophy and religious studies nec
38.0209	Mormon Studies	Humanities	Philosophy and religious studies	Philosophy and religious studies nec
38.0299	Religion/ Religious Studies, Other	Humanities	Philosophy and religious studies	Philosophy and religious studies nec
39.0201	Bible/ Biblical Studies	Humanities	Humanities, other	Bible/ biblical studies
24.0103	Humanities/ Humanistic Studies	Humanities	Humanities, other	Humanities and humanistic studies
24.0199	Liberal Arts and Sciences, General Studies and Humanities, Other	Humanities	Humanities, other	Humanities and humanistic studies
39.0301	Missions/ Missionary Studies	Humanities	Humanities, other	Theological and ministerial studies
39.0302	Church Planting	Humanities	Humanities, other	Theological and ministerial studies
39.0399	Missions/ Missionary Studies and Missiology, Other	Humanities	Humanities, other	Theological and ministerial studies
39.0401	Religious Education	Humanities	Humanities, other	Theological and ministerial studies
39.0501	Religious/ Sacred Music	Humanities	Humanities, other	Theological and ministerial studies
39.0502	Worship Ministry	Humanities	Humanities, other	Theological and ministerial studies
39.0599	Religious Music and Worship, Other	Humanities	Humanities, other	Theological and ministerial studies
39.0601	Theology/ Theological Studies	Humanities	Humanities, other	Theological and ministerial studies
39.0602	Divinity/ Ministry	Humanities	Humanities, other	Theological and ministerial studies
39.0604	Pre-Theology/ Pre-Ministerial Studies	Humanities	Humanities, other	Theological and ministerial studies
39.0605	Rabbinical Studies	Humanities	Humanities, other	Theological and ministerial studies
39.0699	Theological and Ministerial Studies, Other	Humanities	Humanities, other	Theological and ministerial studies
39.0701	Pastoral Studies/ Counseling	Humanities	Humanities, other	Theological and ministerial studies
39.0702	Youth Ministry	Humanities	Humanities, other	Theological and ministerial studies
39.0703	Urban Ministry	Humanities	Humanities, other	Theological and ministerial studies
39.0704	Women's Ministry	Humanities	Humanities, other	Theological and ministerial studies

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
39.0705	Lay Ministry	Humanities	Humanities, other	Theological and ministerial studies
39.0706	Chaplain/ Chaplaincy Studies	Humanities	Humanities, other	Theological and ministerial studies
39.0799	Pastoral Counseling and Specialized Ministries, Other	Humanities	Humanities, other	Theological and ministerial studies
39.0801	Religious Institution Administration and Management	Humanities	Humanities, other	Theological and ministerial studies
39.0802	Religious/ Canon Law	Humanities	Humanities, other	Theological and ministerial studies
39.0899	Religious Institution Administration and Law, Other	Humanities	Humanities, other	Theological and ministerial studies
39.9999	Theology and Religious Vocations, Other	Humanities	Humanities, other	Theological and ministerial studies
50.0301	Dance, General	Visual and performing arts	Music and performing arts	Dance, drama, theatre arts, and stagecraft
50.0302	Ballet	Visual and performing arts	Music and performing arts	Dance, drama, theatre arts, and stagecraft
50.0399	Dance, Other	Visual and performing arts	Music and performing arts	Dance, drama, theatre arts, and stagecraft
50.0501	Drama and Dramatics/ Theatre Arts, General	Visual and performing arts	Music and performing arts	Dance, drama, theatre arts, and stagecraft
50.0502	Technical Theatre/ Theatre Design and Technology	Visual and performing arts	Music and performing arts	Dance, drama, theatre arts, and stagecraft
50.0504	Playwriting and Screenwriting	Visual and performing arts	Music and performing arts	Dance, drama, theatre arts, and stagecraft
50.0505	Theatre Literature, History and Criticism	Visual and performing arts	Music and performing arts	Dance, drama, theatre arts, and stagecraft
50.0506	Acting	Visual and performing arts	Music and performing arts	Dance, drama, theatre arts, and stagecraft
50.0507	Directing and Theatrical Production	Visual and performing arts	Music and performing arts	Dance, drama, theatre arts, and stagecraft
50.0509	Musical Theatre	Visual and performing arts	Music and performing arts	Dance, drama, theatre arts, and stagecraft
50.0510	Costume Design	Visual and performing arts	Music and performing arts	Dance, drama, theatre arts, and stagecraft
50.0511	Comedy Writing and Performance	Visual and performing arts	Music and performing arts	Dance, drama, theatre arts, and stagecraft
50.0512	Theatre and Dance	Visual and performing arts	Music and performing arts	Dance, drama, theatre arts, and stagecraft
50.0599	Dramatic/ Theatre Arts and Stagecraft, Other	Visual and performing arts	Music and performing arts	Dance, drama, theatre arts, and stagecraft
50.0903	Music Performance, General	Visual and performing arts	Music and performing arts	Music performance
50.0906	Conducting	Visual and performing arts	Music and performing arts	Music performance
50.0907	Keyboard Instruments	Visual and performing arts	Music and performing arts	Music performance
50.0908	Voice and Opera	Visual and performing arts	Music and performing arts	Music performance
50.0910	Jazz/ Jazz Studies	Visual and performing arts	Music and performing arts	Music performance
50.0911	Stringed Instruments	Visual and performing arts	Music and performing arts	Music performance

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
50.0914	Brass Instruments	Visual and performing arts	Music and performing arts	Music performance
50.0915	Woodwind Instruments	Visual and performing arts	Music and performing arts	Music performance
50.0916	Percussion Instruments	Visual and performing arts	Music and performing arts	Music performance
50.0904	Music Theory and Composition	Visual and performing arts	Music and performing arts	Music theory and composition
50.0905	Musicology and Ethnomusicology	Visual and performing arts	Music and performing arts	Musicology and ethnomusicology
50.0901	Music, General	Visual and performing arts	Music and performing arts	Music nec
50.0902	Music History, Literature, and Theory	Visual and performing arts	Music and performing arts	Music nec
50.0912	Music Pedagogy	Visual and performing arts	Music and performing arts	Music nec
50.0913	Music Technology	Visual and performing arts	Music and performing arts	Music nec
50.0917	Sound Arts	Visual and performing arts	Music and performing arts	Music nec
50.0999	Music, Other	Visual and performing arts	Music and performing arts	Music nec
50.0703	Art History, Criticism and Conservation	Visual and performing arts	Visual arts, media studies, and design	Art history, criticism and conservation
50.0601	Film/ Cinema/ Media Studies	Visual and performing arts	Visual arts, media studies, and design	Film, cinema, and media studies
50.0602	Cinematography and Film/ Video Production	Visual and performing arts	Visual arts, media studies, and design	Film, cinema, and media studies
50.0605	Photography	Visual and performing arts	Visual arts, media studies, and design	Film, cinema, and media studies
50.0607	Documentary Production	Visual and performing arts	Visual arts, media studies, and design	Film, cinema, and media studies
50.0699	Film/ Video and Photographic Arts, Other	Visual and performing arts	Visual arts, media studies, and design	Film, cinema, and media studies
50.0101	Visual and Performing Arts, General	Visual and performing arts	Visual arts, media studies, and design	Visual arts, media studies, and design nec
50.0102	Digital Arts	Visual and performing arts	Visual arts, media studies, and design	Visual arts, media studies, and design nec
50.0201	Crafts/ Craft Design, Folk Art and Artisanry	Visual and performing arts	Visual arts, media studies, and design	Visual arts, media studies, and design nec
50.0401	Design and Visual Communications, General	Visual and performing arts	Visual arts, media studies, and design	Visual arts, media studies, and design nec
50.0402	Commercial and Advertising Art	Visual and performing arts	Visual arts, media studies, and design	Visual arts, media studies, and design nec
50.0404	Industrial and Product Design	Visual and performing arts	Visual arts, media studies, and design	Visual arts, media studies, and design nec
50.0406	Commercial Photography	Visual and performing arts	Visual arts, media studies, and design	Visual arts, media studies, and design nec
50.0407	Fashion/ Apparel Design	Visual and performing arts	Visual arts, media studies, and design	Visual arts, media studies, and design nec
50.0408	Interior Design	Visual and performing arts	Visual arts, media studies, and design	Visual arts, media studies, and design nec
50.0409	Graphic Design	Visual and performing arts	Visual arts, media studies, and design	Visual arts, media studies, and design nec

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
50.0410	Illustration	Visual and performing arts	Visual arts, media studies, and design	Visual arts, media studies, and design nec
50.0411	Game and Interactive Media Design	Visual and performing arts	Visual arts, media studies, and design	Visual arts, media studies, and design nec
50.0499	Design and Applied Arts, Other	Visual and performing arts	Visual arts, media studies, and design	Visual arts, media studies, and design nec
50.0701	Art/ Art Studies, General	Visual and performing arts	Visual arts, media studies, and design	Visual arts, media studies, and design nec
50.0702	Fine/ Studio Arts, General	Visual and performing arts	Visual arts, media studies, and design	Visual arts, media studies, and design nec
50.0705	Drawing	Visual and performing arts	Visual arts, media studies, and design	Visual arts, media studies, and design nec
50.0706	Intermedia/ Multimedia	Visual and performing arts	Visual arts, media studies, and design	Visual arts, media studies, and design nec
50.0708	Painting	Visual and performing arts	Visual arts, media studies, and design	Visual arts, media studies, and design nec
50.0709	Sculpture	Visual and performing arts	Visual arts, media studies, and design	Visual arts, media studies, and design nec
50.0710	Printmaking	Visual and performing arts	Visual arts, media studies, and design	Visual arts, media studies, and design nec
50.0711	Ceramic Arts and Ceramics	Visual and performing arts	Visual arts, media studies, and design	Visual arts, media studies, and design nec
50.0712	Fiber, Textile and Weaving Arts	Visual and performing arts	Visual arts, media studies, and design	Visual arts, media studies, and design nec
50.0713	Jewelry Arts	Visual and performing arts	Visual arts, media studies, and design	Visual arts, media studies, and design nec
50.0714	Metal Arts	Visual and performing arts	Visual arts, media studies, and design	Visual arts, media studies, and design nec
50.0799	Fine Arts and Art Studies, Other	Visual and performing arts	Visual arts, media studies, and design	Visual arts, media studies, and design nec
50.1001	Arts, Entertainment, and Media Management, General	Visual and performing arts	Visual arts, media studies, and design	Visual arts, media studies, and design nec
50.1002	Fine and Studio Arts Management	Visual and performing arts	Visual arts, media studies, and design	Visual arts, media studies, and design nec
50.1003	Music Management	Visual and performing arts	Visual arts, media studies, and design	Visual arts, media studies, and design nec
50.1004	Theatre/ Theatre Arts Management	Visual and performing arts	Visual arts, media studies, and design	Visual arts, media studies, and design nec
50.1099	Arts, Entertainment, and Media Management, Other	Visual and performing arts	Visual arts, media studies, and design	Visual arts, media studies, and design nec
50.1101	Community/ Environmental/ Socially-Engaged Art	Visual and performing arts	Visual arts, media studies, and design	Visual arts, media studies, and design nec
50.9999	Visual and Performing Arts, Other	Visual and performing arts	Visual arts, media studies, and design	Visual arts, media studies, and design nec
09.0900	Public Relations, Advertising, and Applied Communication	Other non-science and engineering	Communications and journalism	Applied communication, advertising, and public relations
09.0901	Organizational Communication, General	Other non-science and engineering	Communications and journalism	Applied communication, advertising, and public relations
09.0902	Public Relations/ Image Management	Other non-science and engineering	Communications and journalism	Applied communication, advertising, and public relations
09.0903	Advertising	Other non-science and engineering	Communications and journalism	Applied communication, advertising, and public relations
09.0904	Political Communication	Other non-science and engineering	Communications and journalism	Applied communication, advertising, and public relations

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
09.0905	Health Communication	Other non-science and engineering	Communications and journalism	Applied communication, advertising, and public relations
09.0906	Sports Communication	Other non-science and engineering	Communications and journalism	Applied communication, advertising, and public relations
09.0907	International and Intercultural Communication	Other non-science and engineering	Communications and journalism	Applied communication, advertising, and public relations
09.0908	Technical and Scientific Communication	Other non-science and engineering	Communications and journalism	Applied communication, advertising, and public relations
09.0909	Communication Management and Strategic Communications	Other non-science and engineering	Communications and journalism	Applied communication, advertising, and public relations
09.0999	Public Relations, Advertising, and Applied Communication, Other	Other non-science and engineering	Communications and journalism	Applied communication, advertising, and public relations
09.0101	Speech Communication and Rhetoric	Other non-science and engineering	Communications and journalism	Communication and media studies
09.0199	Communication and Media Studies, Other	Other non-science and engineering	Communications and journalism	Communication and media studies
09.0100	Communication, General	Other non-science and engineering	Communications and journalism	Communication, general
09.0100d	Communication Studies[b]	Other non-science and engineering	Communications and journalism	Communication, general
09.0102	Mass Communication/ Media Studies	Other non-science and engineering	Communications and journalism	Mass communication/ media studies
09.0100b	Communication Research	Other non-science and engineering	Communications and journalism	Communications and journalism nec
09.0100c	Communication Theory	Other non-science and engineering	Communications and journalism	Communications and journalism nec
09.0401	Journalism	Other non-science and engineering	Communications and journalism	Communications and journalism nec
09.0402	Broadcast Journalism	Other non-science and engineering	Communications and journalism	Communications and journalism nec
09.0404	Photojournalism	Other non-science and engineering	Communications and journalism	Communications and journalism nec
09.0405	Business and Economic Journalism	Other non-science and engineering	Communications and journalism	Communications and journalism nec
09.0406	Cultural Journalism	Other non-science and engineering	Communications and journalism	Communications and journalism nec
09.0407	Science/ Health/ Environmental Journalism	Other non-science and engineering	Communications and journalism	Communications and journalism nec
09.0499	Journalism, Other	Other non-science and engineering	Communications and journalism	Communications and journalism nec
09.0701	Radio and Television	Other non-science and engineering	Communications and journalism	Communications and journalism nec
09.0702	Digital Communication and Media/ Multimedia	Other non-science and engineering	Communications and journalism	Communications and journalism nec
09.0799	Radio, Television, and Digital Communication, Other	Other non-science and engineering	Communications and journalism	Communications and journalism nec
09.1001	Publishing	Other non-science and engineering	Communications and journalism	Communications and journalism nec
09.9999	Communication, Journalism, and Related Programs, Other	Other non-science and engineering	Communications and journalism	Communications and journalism nec
10.0105	Communications Technology	Other non-science and engineering	Communications and journalism	Communications and journalism nec
10.0201	Photographic and Film/ Video Technology	Other non-science and engineering	Communications and journalism	Communications and journalism nec

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
10.0202	Radio and Television Broadcasting Technology	Other non-science and engineering	Communications and journalism	Communications and journalism nec
10.0203	Recording Arts Technology	Other non-science and engineering	Communications and journalism	Communications and journalism nec
10.0204	Voice Writing Technology	Other non-science and engineering	Communications and journalism	Communications and journalism nec
10.0299	Audiovisual Communications Technologies, Other	Other non-science and engineering	Communications and journalism	Communications and journalism nec
10.0301	Graphic Communications, General	Other non-science and engineering	Communications and journalism	Communications and journalism nec
10.0302	Printing Management	Other non-science and engineering	Communications and journalism	Communications and journalism nec
10.0303	Prepress/ Desktop Publishing and Digital Imaging Design	Other non-science and engineering	Communications and journalism	Communications and journalism nec
10.0304	Animation, Interactive Technology, Video Graphics, and Special Effects	Other non-science and engineering	Communications and journalism	Communications and journalism nec
10.0305	Graphic and Printing Equipment Operator, General Production	Other non-science and engineering	Communications and journalism	Communications and journalism nec
10.0306	Platemaker/ Imager	Other non-science and engineering	Communications and journalism	Communications and journalism nec
10.0307	Printing Press Operator	Other non-science and engineering	Communications and journalism	Communications and journalism nec
10.0308	Computer Typography and Composition Equipment Operator	Other non-science and engineering	Communications and journalism	Communications and journalism nec
10.0399	Graphic Communications, Other	Other non-science and engineering	Communications and journalism	Communications and journalism nec
10.9999	Communications Technologies and Support Services, Other	Other non-science and engineering	Communications and journalism	Communications and journalism nec
16.1200	Classics and Classical Languages, Literatures, and Linguistics, General	Other non-science and engineering	Multidisciplinary/ interdisciplinary studies	Classical and ancient studies
16.1202	Ancient/ Classical Greek Language and Literature	Other non-science and engineering	Multidisciplinary/ interdisciplinary studies	Classical and ancient studies
16.1203	Latin Language and Literature	Other non-science and engineering	Multidisciplinary/ interdisciplinary studies	Classical and ancient studies
16.1299	Classics and Classical Languages, Literatures, and Linguistics, Other	Other non-science and engineering	Multidisciplinary/ interdisciplinary studies	Classical and ancient studies
30.2201	Ancient Studies/ Civilization	Other non-science and engineering	Multidisciplinary/ interdisciplinary studies	Classical and ancient studies
30.2202	Classical, Ancient Mediterranean, and Near Eastern Studies and Archaeology	Other non-science and engineering	Multidisciplinary/ interdisciplinary studies	Classical and ancient studies
30.2299	Classical and Ancient Studies, Other	Other non-science and engineering	Multidisciplinary/ interdisciplinary studies	Classical and ancient studies
30.9999f	Interdisciplinary Leadership/Leadership Studies[b]	Other non-science and engineering	Multidisciplinary/ interdisciplinary studies	Interdisciplinary leadership/ leadership studies[o]
16.0199b	Translation Studies[b]	Other non-science and engineering	Multidisciplinary/ interdisciplinary studies	Multidisciplinary/ interdisciplinary studies nec
24.0101	Liberal Arts and Sciences/ Liberal Studies	Other non-science and engineering	Multidisciplinary/ interdisciplinary studies	Multidisciplinary/ interdisciplinary studies nec
24.0102	General Studies	Other non-science and engineering	Multidisciplinary/ interdisciplinary studies	Multidisciplinary/ interdisciplinary studies nec
30.0000	Multi-/ Interdisciplinary Studies, General	Other non-science and engineering	Multidisciplinary/ interdisciplinary studies	Multidisciplinary/ interdisciplinary studies nec
30.0001	Comprehensive Transition and Postsecondary (CTP) Program	Other non-science and engineering	Multidisciplinary/ interdisciplinary studies	Multidisciplinary/ interdisciplinary studies nec

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
30.1201	Historic Preservation and Conservation, General	Other non-science and engineering	Multidisciplinary/ interdisciplinary studies	Multidisciplinary/ interdisciplinary studies nec
30.1202	Cultural Resource Management and Policy Analysis	Other non-science and engineering	Multidisciplinary/ interdisciplinary studies	Multidisciplinary/ interdisciplinary studies nec
30.1299	Historic Preservation and Conservation, Other	Other non-science and engineering	Multidisciplinary/ interdisciplinary studies	Multidisciplinary/ interdisciplinary studies nec
30.1301	Medieval and Renaissance Studies	Other non-science and engineering	Multidisciplinary/ interdisciplinary studies	Multidisciplinary/ interdisciplinary studies nec
30.1401	Museology/ Museum Studies	Other non-science and engineering	Multidisciplinary/ interdisciplinary studies	Multidisciplinary/ interdisciplinary studies nec
30.2801	Dispute Resolution	Other non-science and engineering	Multidisciplinary/ interdisciplinary studies	Multidisciplinary/ interdisciplinary studies nec
30.2901	Maritime Studies	Other non-science and engineering	Multidisciplinary/ interdisciplinary studies	Multidisciplinary/ interdisciplinary studies nec
30.3601	Cultural Studies and Comparative Literature	Other non-science and engineering	Multidisciplinary/ interdisciplinary studies	Multidisciplinary/ interdisciplinary studies nec
30.4501	History and Language/ Literature	Other non-science and engineering	Multidisciplinary/ interdisciplinary studies	Multidisciplinary/ interdisciplinary studies nec
30.4501b	African-American/ Black History and Literature	Other non-science and engineering	Multidisciplinary/ interdisciplinary studies	Multidisciplinary/ interdisciplinary studies nec
30.5201	Digital Humanities and Textual Studies, General	Other non-science and engineering	Multidisciplinary/ interdisciplinary studies	Multidisciplinary/ interdisciplinary studies nec
30.5202	Digital Humanities	Other non-science and engineering	Multidisciplinary/ interdisciplinary studies	Multidisciplinary/ interdisciplinary studies nec
30.5203	Textual Studies	Other non-science and engineering	Multidisciplinary/ interdisciplinary studies	Multidisciplinary/ interdisciplinary studies nec
30.5299	Digital Humanities and Textual Studies, Other	Other non-science and engineering	Multidisciplinary/ interdisciplinary studies	Multidisciplinary/ interdisciplinary studies nec
30.9999	Multi-/ Interdisciplinary Studies, Other	Other non-science and engineering	Multidisciplinary/ interdisciplinary studies	Multidisciplinary/ interdisciplinary studies nec
30.9999g	Second Language Acquisition[b]	Other non-science and engineering	Multidisciplinary/ interdisciplinary studies	Multidisciplinary/ interdisciplinary studies nec
44.0201	Community Organization and Advocacy	Other non-science and engineering	Public administration and social services	Public administration
44.0401	Public Administration	Other non-science and engineering	Public administration and social services	Public administration
44.0402	Public Works Management	Other non-science and engineering	Public administration and social services	Public administration
44.0403	Transportation and Infrastructure Planning/ Studies	Other non-science and engineering	Public administration and social services	Public administration
44.0499	Public Administration, Other	Other non-science and engineering	Public administration and social services	Public administration
44.9999b	Public Administration and Policy[b]	Other non-science and engineering	Public administration and social services	Public administration
44.0000	Human Services, General	Other non-science and engineering	Public administration and social services	Social work and human services
44.0701	Social Work	Other non-science and engineering	Public administration and social services	Social work and human services
44.0702	Youth Services/ Administration	Other non-science and engineering	Public administration and social services	Social work and human services
44.0703	Forensic Social Work	Other non-science and engineering	Public administration and social services	Social work and human services
44.0799	Social Work, Other	Other non-science and engineering	Public administration and social services	Social work and human services

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Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
44.9999	Public Administration and Social Service Professions, Other[I]	Other non-science and engineering	Public administration and social services	Social work and human services
04.0200	Pre-Architecture Studies	Other non-science and engineering	Non-science and engineering, other	Architecture and architectural studies
04.0201	Architecture	Other non-science and engineering	Non-science and engineering, other	Architecture and architectural studies
04.0202	Architectural Design	Other non-science and engineering	Non-science and engineering, other	Architecture and architectural studies
04.0299	Architecture, Other	Other non-science and engineering	Non-science and engineering, other	Architecture and architectural studies
04.0401	Environmental Design/ Architecture	Other non-science and engineering	Non-science and engineering, other	Architecture and architectural studies
04.0402	Healthcare Environment Design/ Architecture	Other non-science and engineering	Non-science and engineering, other	Architecture and architectural studies
04.0403	Sustainable Design/ Architecture	Other non-science and engineering	Non-science and engineering, other	Architecture and architectural studies
04.0499	Environmental Design, Other	Other non-science and engineering	Non-science and engineering, other	Architecture and architectural studies
04.0501	Interior Architecture	Other non-science and engineering	Non-science and engineering, other	Architecture and architectural studies
04.0601	Landscape Architecture	Other non-science and engineering	Non-science and engineering, other	Architecture and architectural studies
04.0801	Architectural History and Criticism, General	Other non-science and engineering	Non-science and engineering, other	Architecture and architectural studies
04.0802	Architectural Conservation	Other non-science and engineering	Non-science and engineering, other	Architecture and architectural studies
04.0803	Architectural Studies	Other non-science and engineering	Non-science and engineering, other	Architecture and architectural studies
04.0899	Architectural History, Criticism, and Conservation, Other	Other non-science and engineering	Non-science and engineering, other	Architecture and architectural studies
04.0901	Architectural Technology	Other non-science and engineering	Non-science and engineering, other	Architecture and architectural studies
04.0902	Architectural and Building Sciences/ Technology	Other non-science and engineering	Non-science and engineering, other	Architecture and architectural studies
04.0999	Architectural Sciences and Technology, Other	Other non-science and engineering	Non-science and engineering, other	Architecture and architectural studies
04.1001	Real Estate Development	Other non-science and engineering	Non-science and engineering, other	Architecture and architectural studies
04.9999	Architecture and Related Services, Other	Other non-science and engineering	Non-science and engineering, other	Architecture and architectural studies
04.0301	City/ Urban, Community, and Regional Planning	Other non-science and engineering	Non-science and engineering, other	City/ urban, community, and regional planning
19.0101	Family and Consumer Sciences/ Human Sciences, General	Other non-science and engineering	Non-science and engineering, other	Family, consumer, and human sciences
19.0201	Business Family and Consumer Sciences/ Human Sciences	Other non-science and engineering	Non-science and engineering, other	Family, consumer, and human sciences
19.0202	Family and Consumer Sciences/ Human Sciences Communication	Other non-science and engineering	Non-science and engineering, other	Family, consumer, and human sciences
19.0203	Consumer Merchandising/ Retailing Management	Other non-science and engineering	Non-science and engineering, other	Family, consumer, and human sciences
19.0299	Family and Consumer Sciences/ Human Sciences Business Services, Other	Other non-science and engineering	Non-science and engineering, other	Family, consumer, and human sciences
19.0401	Family Resource Management Studies, General	Other non-science and engineering	Non-science and engineering, other	Family, consumer, and human sciences

Table A-5

Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
19.0402	Consumer Economics	Other non-science and engineering	Non-science and engineering, other	Family, consumer, and human sciences
19.0403	Consumer Services and Advocacy	Other non-science and engineering	Non-science and engineering, other	Family, consumer, and human sciences
19.0499	Family and Consumer Economics and Related Services, Other	Other non-science and engineering	Non-science and engineering, other	Family, consumer, and human sciences
19.0501	Foods, Nutrition, and Wellness Studies, General	Other non-science and engineering	Non-science and engineering, other	Family, consumer, and human sciences
19.0504	Human Nutrition	Other non-science and engineering	Non-science and engineering, other	Family, consumer, and human sciences
19.0505	Foodservice Systems Administration/ Management	Other non-science and engineering	Non-science and engineering, other	Family, consumer, and human sciences
19.0599	Foods, Nutrition, and Related Services, Other	Other non-science and engineering	Non-science and engineering, other	Family, consumer, and human sciences
19.0601	Housing and Human Environments, General	Other non-science and engineering	Non-science and engineering, other	Family, consumer, and human sciences
19.0604	Facilities Planning and Management	Other non-science and engineering	Non-science and engineering, other	Family, consumer, and human sciences
19.0605	Home Furnishings and Equipment Installers	Other non-science and engineering	Non-science and engineering, other	Family, consumer, and human sciences
19.0699	Housing and Human Environments, Other	Other non-science and engineering	Non-science and engineering, other	Family, consumer, and human sciences
19.0704	Family Systems	Other non-science and engineering	Non-science and engineering, other	Family, consumer, and human sciences
19.0707	Family and Community Services	Other non-science and engineering	Non-science and engineering, other	Family, consumer, and human sciences
19.0708	Child Care and Support Services Management	Other non-science and engineering	Non-science and engineering, other	Family, consumer, and human sciences
19.0709	Child Care Provider/ Assistant	Other non-science and engineering	Non-science and engineering, other	Family, consumer, and human sciences
19.0710	Developmental Services Worker	Other non-science and engineering	Non-science and engineering, other	Family, consumer, and human sciences
19.0711	Early Childhood and Family Studies	Other non-science and engineering	Non-science and engineering, other	Family, consumer, and human sciences
19.0712	Parent Education Services	Other non-science and engineering	Non-science and engineering, other	Family, consumer, and human sciences
19.0799	Human Development, Family Studies, and Related Services, Other	Other non-science and engineering	Non-science and engineering, other	Family, consumer, and human sciences
19.0901	Apparel and Textiles, General	Other non-science and engineering	Non-science and engineering, other	Family, consumer, and human sciences
19.0902	Apparel and Textile Manufacture	Other non-science and engineering	Non-science and engineering, other	Family, consumer, and human sciences
19.0904	Textile Science	Other non-science and engineering	Non-science and engineering, other	Family, consumer, and human sciences
19.0905	Apparel and Textile Marketing Management	Other non-science and engineering	Non-science and engineering, other	Family, consumer, and human sciences
19.0906	Fashion and Fabric Consultant	Other non-science and engineering	Non-science and engineering, other	Family, consumer, and human sciences
19.0999	Apparel and Textiles, Other	Other non-science and engineering	Non-science and engineering, other	Family, consumer, and human sciences
19.1001	Work and Family Studies	Other non-science and engineering	Non-science and engineering, other	Family, consumer, and human sciences
19.9999	Family and Consumer Sciences/ Human Sciences, Other	Other non-science and engineering	Non-science and engineering, other	Family, consumer, and human sciences

Table A-5

Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
43.0100	Criminal Justice and Corrections, General[m]	Other non-science and engineering	Non-science and engineering, other	Homeland security and protective services
43.0102	Corrections[m]	Other non-science and engineering	Non-science and engineering, other	Homeland security and protective services
43.0103	Criminal Justice/ Law Enforcement Administration[m]	Other non-science and engineering	Non-science and engineering, other	Homeland security and protective services
43.0107	Criminal Justice/ Police Science[m]	Other non-science and engineering	Non-science and engineering, other	Homeland security and protective services
43.0109	Security and Loss Prevention Services[m]	Other non-science and engineering	Non-science and engineering, other	Homeland security and protective services
43.0110	Juvenile Corrections[m]	Other non-science and engineering	Non-science and engineering, other	Homeland security and protective services
43.0112	Securities Services Administration/ Management[m]	Other non-science and engineering	Non-science and engineering, other	Homeland security and protective services
43.0113	Corrections Administration[m]	Other non-science and engineering	Non-science and engineering, other	Homeland security and protective services
43.0114	Law Enforcement Investigation and Interviewing[m]	Other non-science and engineering	Non-science and engineering, other	Homeland security and protective services
43.0115	Law Enforcement Record-Keeping and Evidence Management[m]	Other non-science and engineering	Non-science and engineering, other	Homeland security and protective services
43.0119	Critical Incident Response/ Special Police Operations[m]	Other non-science and engineering	Non-science and engineering, other	Homeland security and protective services
43.0120	Protective Services Operations[m]	Other non-science and engineering	Non-science and engineering, other	Homeland security and protective services
43.0121	Suspension and Debarment Investigation[m]	Other non-science and engineering	Non-science and engineering, other	Homeland security and protective services
43.0122	Maritime Law Enforcement[m]	Other non-science and engineering	Non-science and engineering, other	Homeland security and protective services
43.0123	Cultural/ Archaeological Resources Protection[m]	Other non-science and engineering	Non-science and engineering, other	Homeland security and protective services
43.0199	Corrections and Criminal Justice, Other[m]	Other non-science and engineering	Non-science and engineering, other	Homeland security and protective services
43.0201	Fire Prevention and Safety Technology	Other non-science and engineering	Non-science and engineering, other	Homeland security and protective services
43.0202	Fire Services Administration	Other non-science and engineering	Non-science and engineering, other	Homeland security and protective services
43.0203	Fire Science/ Fire-fighting	Other non-science and engineering	Non-science and engineering, other	Homeland security and protective services
43.0204	Fire Systems Technology	Other non-science and engineering	Non-science and engineering, other	Homeland security and protective services
43.0205	Fire/ Arson Investigation and Prevention	Other non-science and engineering	Non-science and engineering, other	Homeland security and protective services
43.0206	Wildland/ Forest Firefighting and Investigation	Other non-science and engineering	Non-science and engineering, other	Homeland security and protective services
43.0299	Fire Protection, Other	Other non-science and engineering	Non-science and engineering, other	Homeland security and protective services
43.0301	Homeland Security	Other non-science and engineering	Non-science and engineering, other	Homeland security and protective services
43.0302	Crisis/ Emergency/ Disaster Management	Other non-science and engineering	Non-science and engineering, other	Homeland security and protective services
43.0303	Critical Infrastructure Protection	Other non-science and engineering	Non-science and engineering, other	Homeland security and protective services
43.0304	Terrorism and Counterterrorism Operations	Other non-science and engineering	Non-science and engineering, other	Homeland security and protective services

Table A-5

Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
43.0399	Homeland Security, Other	Other non-science and engineering	Non-science and engineering, other	Homeland security and protective services
43.0401	Security Science and Technology, General	Other non-science and engineering	Non-science and engineering, other	Homeland security and protective services
43.0402	Criminalistics and Criminal Science[m]	Other non-science and engineering	Non-science and engineering, other	Homeland security and protective services
43.0403	Cyber/ Computer Forensics and Counterterrorism[m]	Other non-science and engineering	Non-science and engineering, other	Homeland security and protective services
43.0404	Cybersecurity Defense Strategy/ Policy	Other non-science and engineering	Non-science and engineering, other	Homeland security and protective services
43.0405	Financial Forensics and Fraud Investigation	Other non-science and engineering	Non-science and engineering, other	Homeland security and protective services
43.0406	Forensic Science and Technology[m]	Other non-science and engineering	Non-science and engineering, other	Homeland security and protective services
43.0407	Geospatial Intelligence	Other non-science and engineering	Non-science and engineering, other	Homeland security and protective services
43.0408	Law Enforcement Intelligence Analysis	Other non-science and engineering	Non-science and engineering, other	Homeland security and protective services
43.0499	Security Science and Technology, Other	Other non-science and engineering	Non-science and engineering, other	Homeland security and protective services
43.9999	Homeland Security, Law Enforcement, Firefighting and Related Protective Services, Other	Other non-science and engineering	Non-science and engineering, other	Homeland security and protective services
22.0000	Legal Studies	Other non-science and engineering	Non-science and engineering, other	Law/ legal studies and research
22.0001	Pre-Law Studies	Other non-science and engineering	Non-science and engineering, other	Law/ legal studies and research
22.0099	Non-Professional Legal Studies, Other	Other non-science and engineering	Non-science and engineering, other	Law/ legal studies and research
22.0101	Law	Other non-science and engineering	Non-science and engineering, other	Law/ legal studies and research
22.0201	Advanced Legal Research/ Studies, General	Other non-science and engineering	Non-science and engineering, other	Law/ legal studies and research
22.0202	Programs for Foreign Lawyers	Other non-science and engineering	Non-science and engineering, other	Law/ legal studies and research
22.0203	American/ US Law/ Legal Studies/ Jurisprudence	Other non-science and engineering	Non-science and engineering, other	Law/ legal studies and research
22.0204	Canadian Law/ Legal Studies/ Jurisprudence	Other non-science and engineering	Non-science and engineering, other	Law/ legal studies and research
22.0205	Banking, Corporate, Finance, and Securities Law	Other non-science and engineering	Non-science and engineering, other	Law/ legal studies and research
22.0206	Comparative Law	Other non-science and engineering	Non-science and engineering, other	Law/ legal studies and research
22.0207	Energy, Environment, and Natural Resources Law	Other non-science and engineering	Non-science and engineering, other	Law/ legal studies and research
22.0208	Health Law	Other non-science and engineering	Non-science and engineering, other	Law/ legal studies and research
22.0209	International Law and Legal Studies	Other non-science and engineering	Non-science and engineering, other	Law/ legal studies and research
22.0210	International Business, Trade, and Tax Law	Other non-science and engineering	Non-science and engineering, other	Law/ legal studies and research
22.0211	Tax Law/ Taxation	Other non-science and engineering	Non-science and engineering, other	Law/ legal studies and research
22.0212	Intellectual Property Law	Other non-science and engineering	Non-science and engineering, other	Law/ legal studies and research

Table A-5

Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
22.0213	Patent Law	Other non-science and engineering	Non-science and engineering, other	Law/ legal studies and research
22.0214	Agriculture Law	Other non-science and engineering	Non-science and engineering, other	Law/ legal studies and research
22.0215	Arts and Entertainment Law	Other non-science and engineering	Non-science and engineering, other	Law/ legal studies and research
22.0216	Compliance Law	Other non-science and engineering	Non-science and engineering, other	Law/ legal studies and research
22.0217	Criminal Law and Procedure	Other non-science and engineering	Non-science and engineering, other	Law/ legal studies and research
22.0218	Entrepreneurship Law	Other non-science and engineering	Non-science and engineering, other	Law/ legal studies and research
22.0219	Family/ Child/ Elder Law	Other non-science and engineering	Non-science and engineering, other	Law/ legal studies and research
22.0220	Human Resources Law	Other non-science and engineering	Non-science and engineering, other	Law/ legal studies and research
22.0221	Insurance Law	Other non-science and engineering	Non-science and engineering, other	Law/ legal studies and research
22.0222	Real Estate and Land Development Law	Other non-science and engineering	Non-science and engineering, other	Law/ legal studies and research
22.0223	Transportation Law	Other non-science and engineering	Non-science and engineering, other	Law/ legal studies and research
22.0224	Tribal/ Indigenous Law	Other non-science and engineering	Non-science and engineering, other	Law/ legal studies and research
22.0299	Legal Research and Advanced Professional Studies, Other	Other non-science and engineering	Non-science and engineering, other	Law/ legal studies and research
22.0301	Legal Administrative Assistant/ Secretary	Other non-science and engineering	Non-science and engineering, other	Law/ legal studies and research
22.0302	Legal Assistant/ Paralegal	Other non-science and engineering	Non-science and engineering, other	Law/ legal studies and research
22.0303	Court Reporting and Captioning/ Court Reporter	Other non-science and engineering	Non-science and engineering, other	Law/ legal studies and research
22.0304	Court Interpreter	Other non-science and engineering	Non-science and engineering, other	Law/ legal studies and research
22.0305	Scopist	Other non-science and engineering	Non-science and engineering, other	Law/ legal studies and research
22.0399	Legal Support Services, Other	Other non-science and engineering	Non-science and engineering, other	Law/ legal studies and research
22.9999	Legal Professions and Studies, Other	Other non-science and engineering	Non-science and engineering, other	Law/ legal studies and research
31.0101	Parks, Recreation, and Leisure Studies	Other non-science and engineering	Non-science and engineering, other	Parks, recreation, leisure, fitness, and sport studies and management
31.0301	Parks, Recreation, and Leisure Facilities Management, General	Other non-science and engineering	Non-science and engineering, other	Parks, recreation, leisure, fitness, and sport studies and management
31.0302	Golf Course Operation and Grounds Management	Other non-science and engineering	Non-science and engineering, other	Parks, recreation, leisure, fitness, and sport studies and management
31.0399	Parks, Recreation, and Leisure Facilities Management, Other	Other non-science and engineering	Non-science and engineering, other	Parks, recreation, leisure, fitness, and sport studies and management
31.0501	Sports, Kinesiology, and Physical Education/ Fitness, General	Other non-science and engineering	Non-science and engineering, other	Parks, recreation, leisure, fitness, and sport studies and management

Table A-5

Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
31.0504	Sport and Fitness Administration/ Management	Other non-science and engineering	Non-science and engineering, other	Parks, recreation, leisure, fitness, and sport studies and management
31.0507	Physical Fitness Technician	Other non-science and engineering	Non-science and engineering, other	Parks, recreation, leisure, fitness, and sport studies and management
31.0508	Sports Studies	Other non-science and engineering	Non-science and engineering, other	Parks, recreation, leisure, fitness, and sport studies and management
31.0599	Sports, Kinesiology, and Physical Education/ Fitness, Other	Other non-science and engineering	Non-science and engineering, other	Parks, recreation, leisure, fitness, and sport studies and management
31.0601	Outdoor Education	Other non-science and engineering	Non-science and engineering, other	Parks, recreation, leisure, fitness, and sport studies and management
31.9999	Parks, Recreation, Leisure, Fitness, and Kinesiology, Other	Other non-science and engineering	Non-science and engineering, other	Parks, recreation, leisure, fitness, and sport studies and management
01.0504	Dog/ Pet/ Animal Grooming	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec
01.0505	Animal Training	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec
01.0507	Equestrian/ Equine Studies	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec
01.0508	Taxidermy/ Taxidermist	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec
01.0509	Farrier Science	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec
01.0599	Agricultural and Domestic Animal Services, Other[n]	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec
01.8201	Veterinary Administrative Services, General	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec
01.8202	Veterinary Office Management/ Administration	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec
01.8203	Veterinary Reception/ Receptionist	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec
01.8204	Veterinary Administrative/ Executive Assistant and Veterinary Secretary	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec
01.8299	Veterinary Administrative Services, Other	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec
25.0101	Library and Information Science	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec
25.0102	Children and Youth Library Services	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec
25.0103	Archives/ Archival Administration	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec
25.0199	Library Science and Administration, Other	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec
25.0301	Library and Archives Assisting	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec
25.9999	Library Science, Other	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec
29.0201	Intelligence, General (MILITARY)	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec
29.0202	Strategic Intelligence (MILITARY)	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec

Table A-5

Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

(Field)

SED-CIP code	SED-CIP title	New broad field	New major field	New detailed field
29.0203	Signal/ Geospatial Intelligence (MILITARY)	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec
29.0204	Command & Control (C3, C4I) Systems and Operations (MILITARY)	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec
29.0205	Information Operations/ Joint Information Operations (MILITARY)	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec
29.0206	Information/ Psychological Warfare and Military Media Relations	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec
29.0207	Cyber/ Electronic Operations and Warfare (MILITARY)	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec
29.0299	Intelligence, Command Control and Information Operations, Other (MILITARY)	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec
29.0301	Combat Systems Engineering (MILITARY)	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec
29.0302	Directed Energy Systems (MILITARY)	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec
29.0303	Engineering Acoustics (MILITARY)	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec
29.0304	Low-Observables and Stealth Technology (MILITARY)	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec
29.0305	Space Systems Operations (MILITARY)	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec
29.0306	Operational Oceanography (MILITARY)	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec
29.0307	Undersea Warfare (MILITARY)	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec
29.0399	Military Applied Sciences, Other	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec
29.0401	Aerospace Ground Equipment Technology (MILITARY)	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec
29.0402	Air and Space Operations Technology (MILITARY)	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec
29.0403	Aircraft Armament Systems Technology (MILITARY)	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec
29.0404	Explosive Ordinance/ Bomb Disposal (MILITARY)	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec
29.0405	Joint Command/ Task Force (C3, C4I) Systems (MILITARY)	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec
29.0406	Military Information Systems Technology	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec
29.0407	Missile and Space Systems Technology	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec
29.0408	Munitions Systems/ Ordinance Technology (MILITARY)	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec
29.0409	Radar Communications and Systems Technology (MILITARY)	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec
29.0499	Military Systems and Maintenance Technology, Other	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec
29.0601	Military Technology and Applied Sciences Management	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec
29.9999	Military Technologies and Applied Sciences, Other	Other non-science and engineering	Non-science and engineering, other	Other non-science and engineering nec

CIP = Classification of Instructional Programs; nec = not elsewhere classified; SED = Survey of Earned Doctorates; STEM = science, technology, engineering, and mathematics.

[a] SED-CIP code moved from Biochemistry, biophysics, and molecular biology nec to improve alignment with the National Center for Science and Engineering Statistics' Taxonomy of Disciplines (NCSES TOD) in 2022.

[b] New SED-CIP code added in 2022.

[c] SED-CIP code moved from Neurobiology and neurosciences nec to improve alignment with the NCSES TOD in 2022.

[d] SED-CIP code moved from Science and engineering-related nec to improve alignment with the NCSES TOD in 2022.

[e] SED-CIP code moved from Chemical and petroleum engineering nec to improve alignment with the NCSES TOD in 2022.

[f] SED-CIP code moved from Geological and earth sciences nec to improve alignment with the NCSES TOD in 2022.

[g] SED-CIP code moved from Statistics nec to improve alignment with the NCSES TOD in 2022.

[h] SED-CIP code moved from Mathematics nec to improve alignment with the NCSES TOD in 2022.

[i] SED-CIP code split from 30.9999 Multidisciplinary and Interdisciplinary Studies nec in non-science and engineering into a new SED-CIP in science and engineering in 2022.

[j] SED-CIP code moved from Criminal justice and corrections to improve alignment with the NCSES TOD in 2022.

[k] SED-CIP code moved from Teacher education in science and engineering to improve alignment with the NCSES TOD in 2022.

[l] SED-CIP code moved from Public administration to improve alignment with the NCSES TOD in 2022.

[m] SED-CIP code moved from Criminal justice and corrections to improve alignment with the NCSES TOD in 2022.

[n] SED-CIP code moved from Agricultural, animal, plant, and veterinary sciences nec to improve alignment with the NCSES-TOD in 2022.

[o] New SED detailed field added in 2022.

Note(s):
Beginning in 2021, a modified version of the 2020 Classification of Instructional Programs (CIP) codes was used in the survey data collection, and new broad, major, and detailed fields are used in tables reporting data from 2021 to the present, see the summary field list in table A-4.and table A-6 for the SED-CIP code crosswalk to the historical field taxonomy. For more information, see the "Technical Notes" and the SED 2021 Taxonomy Changes Working Paper (available at https://ncses.nsf.gov/pubs/ncses23200). Between 2021 and 2022, minor changes were made to the SED-CIP crosswalk for the SED detailed fields to better align with the National Center for Science and Engineering Statistics' Taxonomy of Disciplines. These changes affect the reported counts for 2021; see table A-5 for more information.

Source(s):
National Center for Science and Engineering Statistics, Survey of Earned Doctorates.

Table A-6

Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
01.0103	Agricultural Economics	Life sciences	Agricultural sciences and natural resources	Agricultural economics
03.0204	Environmental/ Natural Resource Economics (NATURAL RESOURCES/ CONSERVATION SCIENCES)	Life sciences	Agricultural sciences and natural resources	Natural resources/ environmental economics (agricultural sciences)
01.0904	Animal Nutrition	Life sciences	Agricultural sciences and natural resources	Animal nutrition
01.0907	Poultry Science	Life sciences	Agricultural sciences and natural resources	Animal science, poultry or avian
01.0302	Animal/ Livestock Husbandry and Production	Life sciences	Agricultural sciences and natural resources	Animal sciences, other
01.0306	Dairy Husbandry and Production	Life sciences	Agricultural sciences and natural resources	Animal sciences, other
01.0307	Horse Husbandry/ Equine Science and Management	Life sciences	Agricultural sciences and natural resources	Animal sciences, other
01.0505	Animal Training	Life sciences	Agricultural sciences and natural resources	Animal sciences, other
01.0507	Equestrian/ Equine Studies	Life sciences	Agricultural sciences and natural resources	Animal sciences, other
01.0509	Farrier Science	Life sciences	Agricultural sciences and natural resources	Animal sciences, other
01.0599	Agricultural and Domestic Animal Services, Other	Life sciences	Agricultural sciences and natural resources	Animal sciences, other
01.0901	Animal Sciences, General	Life sciences	Agricultural sciences and natural resources	Animal sciences, other
01.0902	Agricultural Animal Breeding	Life sciences	Agricultural sciences and natural resources	Animal sciences, other
01.0903	Animal Health	Life sciences	Agricultural sciences and natural resources	Animal sciences, other
01.0905	Dairy Science	Life sciences	Agricultural sciences and natural resources	Animal sciences, other
01.0906	Livestock Management	Life sciences	Agricultural sciences and natural resources	Animal sciences, other
01.0999	Animal Sciences, Other	Life sciences	Agricultural sciences and natural resources	Animal sciences, other
26.0708	Animal Behavior and Ethology	Life sciences	Agricultural sciences and natural resources	Animal sciences, other
01.0304	Crop Production	Life sciences	Agricultural sciences and natural resources	Agronomy and crop science
01.1102	Agronomy and Crop Science	Life sciences	Agricultural sciences and natural resources	Agronomy and crop science
01.1104	Agricultural and Horticultural Plant Breeding	Life sciences	Agricultural sciences and natural resources	Agricultural and horticultural plant breeding
26.0305b	Plant Pathology/ Phytopathology (AGRICULTURAL SCIENCES)	Life sciences	Agricultural sciences and natural resources	Plant pathology/ phytopathology (agricultural sciences)
01.1101	Plant Sciences, General	Life sciences	Agricultural sciences and natural resources	Plant sciences, other
01.1105	Plant Protection and Integrated Pest Management	Life sciences	Agricultural sciences and natural resources	Plant sciences, other
01.1199	Plant Sciences, Other	Life sciences	Agricultural sciences and natural resources	Plant sciences, other
01.1001	Food Science	Life sciences	Agricultural sciences and natural resources	Food science
01.0401	Agricultural and Food Products Processing	Life sciences	Agricultural sciences and natural resources	Food science and technology, other

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
01.1002	Food Technology and Processing	Life sciences	Agricultural sciences and natural resources	Food science and technology, other
01.1003	Brewing Science	Life sciences	Agricultural sciences and natural resources	Food science and technology, other
01.1004	Viticulture and Enology	Life sciences	Agricultural sciences and natural resources	Food science and technology, other
01.1005	Zymology/ Fermentation Science	Life sciences	Agricultural sciences and natural resources	Food science and technology, other
01.1099	Food Science and Technology, Other	Life sciences	Agricultural sciences and natural resources	Food science and technology, other
01.1202	Soil Chemistry and Physics	Life sciences	Agricultural sciences and natural resources	Soil chemistry/ microbiology
01.1203	Soil Microbiology	Life sciences	Agricultural sciences and natural resources	Soil chemistry/ microbiology
01.1203b	Soil Chemistry and Microbiology	Life sciences	Agricultural sciences and natural resources	Soil chemistry/ microbiology
01.1201	Soil Science and Agronomy, General	Life sciences	Agricultural sciences and natural resources	Soil sciences, other
01.1299	Soil Sciences, Other	Life sciences	Agricultural sciences and natural resources	Soil sciences, other
01.0601	Applied Horticulture/ Horticulture Operations, General	Life sciences	Agricultural sciences and natural resources	Horticulture science
01.0603	Ornamental Horticulture	Life sciences	Agricultural sciences and natural resources	Horticulture science
01.0604	Greenhouse Operations and Management	Life sciences	Agricultural sciences and natural resources	Horticulture science
01.0605	Landscaping and Groundskeeping	Life sciences	Agricultural sciences and natural resources	Horticulture science
01.0606	Plant Nursery Operations and Management	Life sciences	Agricultural sciences and natural resources	Horticulture science
01.0607	Turf and Turfgrass Management	Life sciences	Agricultural sciences and natural resources	Horticulture science
01.0608	Floriculture/ Floristry Operations and Management	Life sciences	Agricultural sciences and natural resources	Horticulture science
01.0609	Public Horticulture	Life sciences	Agricultural sciences and natural resources	Horticulture science
01.0610	Urban and Community Horticulture	Life sciences	Agricultural sciences and natural resources	Horticulture science
01.0699	Applied Horticulture/ Horticultural Business Services, Other	Life sciences	Agricultural sciences and natural resources	Horticulture science
01.1103	Horticultural Science	Life sciences	Agricultural sciences and natural resources	Horticulture science
01.0303	Aquaculture	Life sciences	Agricultural sciences and natural resources	Fishing and fisheries sciences/ management
03.0301	Fishing and Fisheries Sciences and Management	Life sciences	Agricultural sciences and natural resources	Fishing and fisheries sciences/ management
03.0502	Forest Sciences and Biology	Life sciences	Agricultural sciences and natural resources	Forest sciences and biology
03.0506	Forest Management/ Forest Resources Management	Life sciences	Agricultural sciences and natural resources	Forest/ forest resources management
03.0510	Forest Resources Production and Management	Life sciences	Agricultural sciences and natural resources	Forest/ forest resources management
03.0101	Natural Resources/ Conservation, General	Life sciences	Agricultural sciences and natural resources	Natural resources and conservation

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
03.0199	Natural Resources Conservation and Research, Other	Life sciences	Agricultural sciences and natural resources	Natural resources and conservation
03.9999	Natural Resources and Conservation, Other	Life sciences	Agricultural sciences and natural resources	Natural resources and conservation
30.3301	Sustainability Studies	Life sciences	Agricultural sciences and natural resources	Natural resources and conservation
03.0501	Forestry, General	Life sciences	Agricultural sciences and natural resources	Forestry, other
03.0508	Urban Forestry	Life sciences	Agricultural sciences and natural resources	Forestry, other
03.0509	Wood Science and Wood Products/ Pulp and Paper Technology	Life sciences	Agricultural sciences and natural resources	Forestry, other
03.0511	Forest Technology	Life sciences	Agricultural sciences and natural resources	Forestry, other
03.0599	Forestry, Other	Life sciences	Agricultural sciences and natural resources	Forestry, other
01.1106	Range Science and Management	Life sciences	Agricultural sciences and natural resources	Wildlife/ range management
03.0601	Wildlife, Fish and Wildlands Science and Management	Life sciences	Agricultural sciences and natural resources	Wildlife/ range management
03.0103	Environmental Studies	Life sciences	Agricultural sciences and natural resources	Environmental science
03.0104	Environmental Science	Life sciences	Agricultural sciences and natural resources	Environmental science
01.0000	Agriculture, General	Life sciences	Agricultural sciences and natural resources	Agricultural sciences/ natural resources, general
01.0701	International Agriculture	Life sciences	Agricultural sciences and natural resources	Agricultural sciences/ natural resources, general
01.0201	Agricultural Mechanization, General	Life sciences	Agricultural sciences and natural resources	Agricultural sciences/ natural resources, other
01.0204	Agricultural Power Machinery Operation	Life sciences	Agricultural sciences and natural resources	Agricultural sciences/ natural resources, other
01.0205	Agricultural Mechanics and Equipment/ Machine Technology	Life sciences	Agricultural sciences and natural resources	Agricultural sciences/ natural resources, other
01.0207	Irrigation Management Technology	Life sciences	Agricultural sciences and natural resources	Agricultural sciences/ natural resources, other
01.0299	Agricultural Mechanization, Other	Life sciences	Agricultural sciences and natural resources	Agricultural sciences/ natural resources, other
01.0308	Agroecology and Sustainable Agriculture	Life sciences	Agricultural sciences and natural resources	Agricultural sciences/ natural resources, other
01.0399	Agricultural Production Operations, Other	Life sciences	Agricultural sciences and natural resources	Agricultural sciences/ natural resources, other
01.1399	Agriculture/ Veterinary Preparatory Programs, Other	Life sciences	Agricultural sciences and natural resources	Agricultural sciences/ natural resources, other
01.9999	Agricultural/ Animal/ Plant/ Veterinary Science and Related Fields, Other	Life sciences	Agricultural sciences and natural resources	Agricultural sciences/ natural resources, other
03.0210	Bioenergy	Life sciences	Agricultural sciences and natural resources	Agricultural sciences/ natural resources, other
30.1801	Natural Sciences	Life sciences	Agricultural sciences and natural resources	Agricultural sciences/ natural resources, other
03.0201	Environmental/ Natural Resources Management and Policy, General	Life sciences	Agricultural sciences and natural resources	Natural resource/ environmental policy
03.0209	Energy and Environmental Policy	Life sciences	Agricultural sciences and natural resources	Natural resource/ environmental policy

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
03.0299	Environmental/ Natural Resources Management and Policy, Other	Life sciences	Agricultural sciences and natural resources	Natural resource/ environmental policy
26.0202	Biochemistry	Life sciences	Biological and biomedical sciences	Biochemistry (biological sciences)
26.0205	Molecular Biochemistry	Life sciences	Biological and biomedical sciences	Biochemistry (biological sciences)
26.0210	Biochemistry and Molecular Biology	Life sciences	Biological and biomedical sciences	Biochemistry (biological sciences)
26.1103	Bioinformatics	Life sciences	Biological and biomedical sciences	Bioinformatics
26.1199	Biomathematics, Bioinformatics, and Computational Biology, Other	Life sciences	Biological and biomedical sciences	Bioinformatics
51.2706	Medical Informatics	Life sciences	Biological and biomedical sciences	Bioinformatics
51.2706b	Biomedical and Health Informatics	Life sciences	Biological and biomedical sciences	Bioinformatics
26.0102	Biomedical Sciences, General	Life sciences	Biological and biomedical sciences	Biomedical sciences
26.0907	Cardiovascular Science	Life sciences	Biological and biomedical sciences	Biomedical sciences
26.1104	Computational Biology	Life sciences	Biological and biomedical sciences	Computational biology
26.0203	Biophysics (BIOLOGY)	Life sciences	Biological and biomedical sciences	Biophysics (biological sciences)
26.0206	Molecular Biophysics	Life sciences	Biological and biomedical sciences	Biophysics (biological sciences)
26.1201	Biotechnology	Life sciences	Biological and biomedical sciences	Biotechnology
26.0503	Medical Microbiology and Bacteriology	Life sciences	Biological and biomedical sciences	Bacteriology
26.0805	Plant Genetics	Life sciences	Biological and biomedical sciences	Plant genetics
26.0305	Plant Pathology/ Phytopathology (BIOLOGY)	Life sciences	Biological and biomedical sciences	Plant pathology/ phytopathology (biological sciences)
26.0307	Plant Physiology	Life sciences	Biological and biomedical sciences	Plant physiology
26.0301	Botany/ Plant Biology	Life sciences	Biological and biomedical sciences	Botany and plant biology
26.0308	Plant Molecular Biology	Life sciences	Biological and biomedical sciences	Botany and plant biology
26.0399	Botany/ Plant Biology, Other	Life sciences	Biological and biomedical sciences	Botany and plant biology
26.0403	Anatomy	Life sciences	Biological and biomedical sciences	Anatomy
26.1101	Biometry/ Biometrics	Life sciences	Biological and biomedical sciences	Biometrics and biostatistics
26.1102	Biostatistics	Life sciences	Biological and biomedical sciences	Biometrics and biostatistics
26.1309	Epidemiology	Life sciences	Biological and biomedical sciences	Epidemiology
26.1311	Epidemiology and Biostatistics	Life sciences	Biological and biomedical sciences	Epidemiology
26.0401	Cell/ Cellular Biology and Histology	Life sciences	Biological and biomedical sciences	Cell/ cellular biology and histology

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
26.0407	Cell Biology and Anatomy	Life sciences	Biological and biomedical sciences	Cell/ cellular biology and histology
26.0499	Cell/ Cellular Biology and Anatomical Sciences, Other	Life sciences	Biological and biomedical sciences	Cell/ cellular biology and histology
26.1303	Evolutionary Biology	Life sciences	Biological and biomedical sciences	Evolutionary biology
26.1306	Population Biology	Life sciences	Biological and biomedical sciences	Evolutionary biology
26.1307	Conservation Biology	Life sciences	Biological and biomedical sciences	Evolutionary biology
26.1308	Systematic Biology/ Biological Systematics	Life sciences	Biological and biomedical sciences	Evolutionary biology
26.1399	Ecology, Evolution, Systematics and Population Biology, Other	Life sciences	Biological and biomedical sciences	Evolutionary biology
26.1301	Ecology	Life sciences	Biological and biomedical sciences	Ecology
26.1310	Ecology and Evolutionary Biology	Life sciences	Biological and biomedical sciences	Ecology
26.1399b	Ecology, Evolution, and Behavior	Life sciences	Biological and biomedical sciences	Ecology
26.0404	Developmental Biology and Embryology	Life sciences	Biological and biomedical sciences	Developmental biology and embryology
26.0904	Endocrinology	Life sciences	Biological and biomedical sciences	Endocrinology
01.0310	Apiculture	Life sciences	Biological and biomedical sciences	Entomology
26.0702	Entomology	Life sciences	Biological and biomedical sciences	Entomology
26.0702c	Entomology and Nematology	Life sciences	Biological and biomedical sciences	Entomology
26.0506	Mycology	Life sciences	Biological and biomedical sciences	Immunology
26.0507	Immunology	Life sciences	Biological and biomedical sciences	Immunology
26.0509	Infectious Disease and Global Health	Life sciences	Biological and biomedical sciences	Immunology
26.0599	Microbiological Sciences and Immunology, Other	Life sciences	Biological and biomedical sciences	Immunology
26.0204	Molecular Biology	Life sciences	Biological and biomedical sciences	Molecular biology
26.0406	Cell/ Cellular and Molecular Biology	Life sciences	Biological and biomedical sciences	Molecular biology
26.0207	Structural Biology	Life sciences	Biological and biomedical sciences	Structural biology
26.0502	Microbiology, General	Life sciences	Biological and biomedical sciences	Microbiology
26.0508	Microbiology and Immunology	Life sciences	Biological and biomedical sciences	Microbiology
26.0911	Oncology and Cancer Biology	Life sciences	Biological and biomedical sciences	Cancer biology
26.1401	Molecular Medicine	Life sciences	Biological and biomedical sciences	Molecular medicine
26.1501	Neuroscience	Life sciences	Biological and biomedical sciences	Neurosciences and neurobiology

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
26.1502	Neuroanatomy	Life sciences	Biological and biomedical sciences	Neurosciences and neurobiology
26.1503	Neurobiology and Anatomy	Life sciences	Biological and biomedical sciences	Neurosciences and neurobiology
26.1504	Neurobiology and Behavior	Life sciences	Biological and biomedical sciences	Neurosciences and neurobiology
26.1599	Neurobiology and Neurosciences, Other	Life sciences	Biological and biomedical sciences	Neurosciences and neurobiology
26.1599c	Computational Neuroscience	Life sciences	Biological and biomedical sciences	Neurosciences and neurobiology
19.0504	Human Nutrition	Life sciences	Biological and biomedical sciences	Nutrition sciences
30.1901	Nutrition Sciences	Life sciences	Biological and biomedical sciences	Nutrition sciences
51.3101	Dietetics/ Dietitian	Life sciences	Biological and biomedical sciences	Nutrition sciences
51.3102	Clinical Nutrition/ Nutritionist	Life sciences	Biological and biomedical sciences	Nutrition sciences
51.3103	Dietetic Technician	Life sciences	Biological and biomedical sciences	Nutrition sciences
51.3104	Dietitian Assistant	Life sciences	Biological and biomedical sciences	Nutrition sciences
51.3199	Dietetics and Clinical Nutrition Services, Other	Life sciences	Biological and biomedical sciences	Nutrition sciences
26.0505	Parasitology	Life sciences	Biological and biomedical sciences	Parasitology
26.1006	Environmental Toxicology	Life sciences	Biological and biomedical sciences	Environmental toxicology
26.0504	Virology	Life sciences	Biological and biomedical sciences	Virology
26.1004	Toxicology	Life sciences	Biological and biomedical sciences	Toxicology
26.1005	Molecular Toxicology	Life sciences	Biological and biomedical sciences	Toxicology
26.1099	Pharmacology and Toxicology, Other	Life sciences	Biological and biomedical sciences	Toxicology
26.0801	Genetics, General	Life sciences	Biological and biomedical sciences	Genetics/ genomics, human and animal
26.0802	Molecular Genetics	Life sciences	Biological and biomedical sciences	Genetics/ genomics, human and animal
26.0803	Microbial and Eukaryotic Genetics	Life sciences	Biological and biomedical sciences	Genetics/ genomics, human and animal
26.0804	Animal Genetics	Life sciences	Biological and biomedical sciences	Genetics/ genomics, human and animal
26.0806	Human/ Medical Genetics	Life sciences	Biological and biomedical sciences	Genetics/ genomics, human and animal
26.0807	Genome Sciences/ Genomics	Life sciences	Biological and biomedical sciences	Genetics/ genomics, human and animal
26.0899	Genetics, Other	Life sciences	Biological and biomedical sciences	Genetics/ genomics, human and animal
51.0914	Gene/ Genetic Therapy	Life sciences	Biological and biomedical sciences	Genetics/ genomics, human and animal
51.1010	Cytogenetics/ Genetics/ Clinical Genetics Technology/ Technologist	Life sciences	Biological and biomedical sciences	Genetics/ genomics, human and animal

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
26.0910	Pathology/ Experimental Pathology	Life sciences	Biological and biomedical sciences	Pathology, human and animal
26.0999b	Pathobiology/Integrative Pathobiology	Life sciences	Biological and biomedical sciences	Pathology, human and animal
51.0811	Pathology/ Pathologist Assistant	Life sciences	Biological and biomedical sciences	Pathology, human and animal
26.1001	Pharmacology	Life sciences	Biological and biomedical sciences	Pharmacology, human and animal
26.1002	Molecular Pharmacology	Life sciences	Biological and biomedical sciences	Pharmacology, human and animal
26.1003	Neuropharmacology	Life sciences	Biological and biomedical sciences	Pharmacology, human and animal
26.1007	Pharmacology and Toxicology	Life sciences	Biological and biomedical sciences	Pharmacology, human and animal
26.0707	Animal Physiology	Life sciences	Biological and biomedical sciences	Physiology, human and animal
26.0901	Physiology, General	Life sciences	Biological and biomedical sciences	Physiology, human and animal
26.0902	Molecular Physiology	Life sciences	Biological and biomedical sciences	Physiology, human and animal
26.0903	Cell Physiology	Life sciences	Biological and biomedical sciences	Physiology, human and animal
26.0999	Physiology, Pathology, and Related Sciences, Other	Life sciences	Biological and biomedical sciences	Physiology, human and animal
26.0709	Wildlife Biology	Life sciences	Biological and biomedical sciences	Wildlife biology
26.0701	Zoology/ Animal Biology	Life sciences	Biological and biomedical sciences	Zoology
26.0799	Zoology/ Animal Biology, Other	Life sciences	Biological and biomedical sciences	Zoology
26.0101	Biology/ Biological Sciences, General	Life sciences	Biological and biomedical sciences	Biological and biomedical sciences, general
26.0101b	Integrative/Interdisciplinary Biology, Biosciences, and Biomedical Sciences	Life sciences	Biological and biomedical sciences	Biological and biomedical sciences, general
26.0208	Photobiology	Life sciences	Biological and biomedical sciences	Biological and biomedical sciences, general
26.0209	Radiation Biology/ Radiobiology	Life sciences	Biological and biomedical sciences	Biological and biomedical sciences, general
26.0299	Biochemistry, Biophysics and Molecular Biology, Other	Life sciences	Biological and biomedical sciences	Biological and biomedical sciences, general
26.0905	Reproductive Biology	Life sciences	Biological and biomedical sciences	Biological and biomedical sciences, general
26.1304	Aquatic Biology/ Limnology	Life sciences	Biological and biomedical sciences	Biological and biomedical sciences, general
26.1305	Environmental Biology	Life sciences	Biological and biomedical sciences	Biological and biomedical sciences, general
26.9999	Biological and Biomedical Sciences, Other	Life sciences	Biological and biomedical sciences	Biological and biomedical sciences, general
30.2701	Human Biology	Life sciences	Biological and biomedical sciences	Biological and biomedical sciences, general
51.1405	Tropical Medicine	Life sciences	Biological and biomedical sciences	Biological and biomedical sciences, general
15.0401	Biomedical Technology	Life sciences	Biological and biomedical sciences	Biological and biomedical sciences, other

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
26.0702b	Nematology	Life sciences	Biological and biomedical sciences	Biological and biomedical sciences, other
26.0909	Vision Science/ Physiological Optics	Life sciences	Biological and biomedical sciences	Biological and biomedical sciences, other
26.0912	Aerospace Physiology and Medicine	Life sciences	Biological and biomedical sciences	Biological and biomedical sciences, other
26.0913	Biomechanics	Life sciences	Biological and biomedical sciences	Biological and biomedical sciences, other
30.0101	Biological and Physical Sciences	Life sciences	Biological and biomedical sciences	Biological and biomedical sciences, other
30.5301	Thanatology	Life sciences	Biological and biomedical sciences	Biological and biomedical sciences, other
51.0201	Communication Sciences and Disorders, General	Life sciences	Health sciences	Speech-language pathology and audiology
51.0202	Audiology/ Audiologist	Life sciences	Health sciences	Speech-language pathology and audiology
51.0203	Speech-Language Pathology/ Pathologist	Life sciences	Health sciences	Speech-language pathology and audiology
51.0204	Audiology/ Audiologist and Speech-Language Pathology/ Pathologist	Life sciences	Health sciences	Speech-language pathology and audiology
51.0299	Communication Disorders Sciences and Services, Other	Life sciences	Health sciences	Speech-language pathology and audiology
51.0816	Speech-Language Pathology Assistant	Life sciences	Health sciences	Speech-language pathology and audiology
51.0918	Hearing Instrument Specialist	Life sciences	Health sciences	Speech-language pathology and audiology
51.0401	Dentistry	Life sciences	Health sciences	Oral biology/ oral pathology
51.0501	Dental Clinical Sciences, General	Life sciences	Health sciences	Oral biology/ oral pathology
51.0502	Advanced General Dentistry	Life sciences	Health sciences	Oral biology/ oral pathology
51.0503	Oral Biology and Oral and Maxillofacial Pathology	Life sciences	Health sciences	Oral biology/ oral pathology
51.0504	Dental Public Health and Education	Life sciences	Health sciences	Oral biology/ oral pathology
51.0505	Dental Materials	Life sciences	Health sciences	Oral biology/ oral pathology
51.0506	Endodontics/ Endodontology	Life sciences	Health sciences	Oral biology/ oral pathology
51.0507	Oral/ Maxillofacial Surgery	Life sciences	Health sciences	Oral biology/ oral pathology
51.0508	Orthodontics/ Orthodontology	Life sciences	Health sciences	Oral biology/ oral pathology
51.0509	Pediatric Dentistry/ Pedodontics	Life sciences	Health sciences	Oral biology/ oral pathology
51.0510	Periodontics/ Periodontology	Life sciences	Health sciences	Oral biology/ oral pathology
51.0511	Prosthodontics/ Prosthodontology	Life sciences	Health sciences	Oral biology/ oral pathology
51.0512	Digital Dentistry	Life sciences	Health sciences	Oral biology/ oral pathology
51.0513	Geriatric Dentistry	Life sciences	Health sciences	Oral biology/ oral pathology
51.0514	Implantology/ Implant Dentistry	Life sciences	Health sciences	Oral biology/ oral pathology
51.0599	Advanced/ Graduate Dentistry and Oral Sciences, Other	Life sciences	Health sciences	Oral biology/ oral pathology
51.0601	Dental Assisting/ Assistant	Life sciences	Health sciences	Oral biology/ oral pathology
51.0602	Dental Hygiene/ Hygienist	Life sciences	Health sciences	Oral biology/ oral pathology
51.0603	Dental Laboratory Technology	Life sciences	Health sciences	Oral biology/ oral pathology
51.0699	Dental Services and Allied Professions, Other	Life sciences	Health sciences	Oral biology/ oral pathology
51.1101	Pre-Dentistry Studies	Life sciences	Health sciences	Oral biology/ oral pathology
51.1404	Temporomandibular Disorders and Orofacial Pain	Life sciences	Health sciences	Oral biology/ oral pathology
51.2202	Environmental Health	Life sciences	Health sciences	Environmental health

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
51.0701	Health/ Health Care Administration/ Management	Life sciences	Health sciences	Health systems administration
51.0702	Hospital and Health Care Facilities Administration/ Management	Life sciences	Health sciences	Health systems administration
51.0703	Health Unit Coordinator/ Ward Clerk	Life sciences	Health sciences	Health systems administration
51.0704	Health Unit Manager/ Ward Supervisor	Life sciences	Health sciences	Health systems administration
51.0705	Medical Office Management/ Administration	Life sciences	Health sciences	Health systems administration
51.0706	Health Information/ Medical Records Administration/ Administrator	Life sciences	Health sciences	Health systems administration
51.0708	Medical Transcription/ Transcriptionist	Life sciences	Health sciences	Health systems administration
51.0709	Medical Office Computer Specialist/ Assistant	Life sciences	Health sciences	Health systems administration
51.0710	Medical Office Assistant/ Specialist	Life sciences	Health sciences	Health systems administration
51.0711	Medical/ Health Management and Clinical Assistant/ Specialist	Life sciences	Health sciences	Health systems administration
51.0712	Medical Reception/ Receptionist	Life sciences	Health sciences	Health systems administration
51.0713	Medical Insurance Coding Specialist/ Coder	Life sciences	Health sciences	Health systems administration
51.0714	Medical Insurance Specialist/ Medical Biller	Life sciences	Health sciences	Health systems administration
51.0715	Health/ Medical Claims Examiner	Life sciences	Health sciences	Health systems administration
51.0716	Medical Administrative/ Executive Assistant and Medical Secretary	Life sciences	Health sciences	Health systems administration
51.0717	Medical Staff Services Technology	Life sciences	Health sciences	Health systems administration
51.0718	Long Term Care Administration/ Management	Life sciences	Health sciences	Health systems administration
51.0721	Disease Registry Data Management	Life sciences	Health sciences	Health systems administration
51.0723	Healthcare Information Privacy Assurance and Security	Life sciences	Health sciences	Health systems administration
51.0799	Health and Medical Administrative Services, Other	Life sciences	Health sciences	Health systems administration
51.0801	Medical/ Clinical Assistant	Life sciences	Health sciences	Health systems administration
51.0802	Clinical/ Medical Laboratory Assistant	Life sciences	Health sciences	Health systems administration
51.0899	Allied Health and Medical Assisting Services, Other	Life sciences	Health sciences	Health systems administration
51.0910	Diagnostic Medical Sonography/ Sonographer and Ultrasound Technician	Life sciences	Health sciences	Health systems administration
51.1504	Community Health Services/ Liaison/ Counseling	Life sciences	Health sciences	Health systems administration
51.2211	Health Services Administration	Life sciences	Health sciences	Health systems administration
51.0707	Health Information/ Medical Records Technology	Life sciences	Health sciences	Health services research
51.0719	Clinical Research Coordinator	Life sciences	Health sciences	Health services research
51.0720	Regulatory Science/ Affairs	Life sciences	Health sciences	Health services research
51.0722	Healthcare Innovation	Life sciences	Health sciences	Health services research
51.2211b	Health Services Research	Life sciences	Health sciences	Health services research
51.2213	Patient Safety and Healthcare Quality	Life sciences	Health sciences	Health services research
51.2201	Public Health, General	Life sciences	Health sciences	Public health
51.2206	Occupational Health and Industrial Hygiene	Life sciences	Health sciences	Public health
51.2207	Public Health Education and Promotion	Life sciences	Health sciences	Public health
51.2208	Community Health and Preventive Medicine	Life sciences	Health sciences	Public health
51.2209	Maternal and Child Health	Life sciences	Health sciences	Public health
51.2210	International Public Health/ International Health	Life sciences	Health sciences	Public health
51.2214	Public Health Genetics	Life sciences	Health sciences	Public health
51.2299	Public Health, Other	Life sciences	Health sciences	Public health

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
26.0908	Exercise Physiology and Kinesiology	Life sciences	Health sciences	Kinesiology and exercise science
31.0501	Sports, Kinesiology, and Physical Education/ Fitness, General	Life sciences	Health sciences	Kinesiology and exercise science
31.0505	Exercise Science and Kinesiology	Life sciences	Health sciences	Kinesiology and exercise science
31.0599	Sports, Kinesiology, and Physical Education/ Fitness, Other	Life sciences	Health sciences	Kinesiology and exercise science
31.9999	Parks, Recreation, Leisure, Fitness, and Kinesiology, Other	Life sciences	Health sciences	Kinesiology and exercise science
51.0913	Athletic Training/ Trainer	Life sciences	Health sciences	Kinesiology and exercise science
51.3601	Movement Therapy and Movement Education	Life sciences	Health sciences	Kinesiology and exercise science
51.3602	Yoga Teacher Training/ Yoga Therapy	Life sciences	Health sciences	Kinesiology and exercise science
51.3699	Movement and Mind-Body Therapies and Education, Other	Life sciences	Health sciences	Kinesiology and exercise science
30.1101b	Gerontology (HEALTH SCIENCES)	Life sciences	Health sciences	Gerontology (health sciences)
51.1512	Hospice and Palliative Care	Life sciences	Health sciences	Gerontology (health sciences)
51.1105	Pre-Nursing Studies	Life sciences	Health sciences	Nursing science
51.3801	Registered Nursing/ Registered Nurse	Life sciences	Health sciences	Nursing science
51.3802	Nursing Administration	Life sciences	Health sciences	Nursing science
51.3803	Adult Health Nurse/ Nursing	Life sciences	Health sciences	Nursing science
51.3804	Nurse Anesthetist	Life sciences	Health sciences	Nursing science
51.3805	Family Practice Nurse/ Nursing	Life sciences	Health sciences	Nursing science
51.3806	Maternal/ Child Health and Neonatal Nurse/ Nursing	Life sciences	Health sciences	Nursing science
51.3807	Nurse Midwife/ Nursing Midwifery	Life sciences	Health sciences	Nursing science
51.3808	Nursing Science	Life sciences	Health sciences	Nursing science
51.3809	Pediatric Nurse/ Nursing	Life sciences	Health sciences	Nursing science
51.3810	Psychiatric/ Mental Health Nurse/ Nursing	Life sciences	Health sciences	Nursing science
51.3811	Public Health/ Community Nurse/ Nursing	Life sciences	Health sciences	Nursing science
51.3812	Perioperative/ Operating Room and Surgical Nurse/ Nursing	Life sciences	Health sciences	Nursing science
51.3813	Clinical Nurse Specialist	Life sciences	Health sciences	Nursing science
51.3814	Critical Care Nursing	Life sciences	Health sciences	Nursing science
51.3815	Occupational and Environmental Health Nursing	Life sciences	Health sciences	Nursing science
51.3816	Emergency Room/ Trauma Nursing	Life sciences	Health sciences	Nursing science
51.3818	Nursing Practice	Life sciences	Health sciences	Nursing science
51.3819	Palliative Care Nursing	Life sciences	Health sciences	Nursing science
51.3820	Clinical Nurse Leader	Life sciences	Health sciences	Nursing science
51.3821	Geriatric Nurse/ Nursing	Life sciences	Health sciences	Nursing science
51.3822	Women's Health Nurse/ Nursing	Life sciences	Health sciences	Nursing science
51.3824	Forensic Nursing	Life sciences	Health sciences	Nursing science
51.3899	Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing, Other	Life sciences	Health sciences	Nursing science
51.3901	Licensed Practical/ Vocational Nurse Training	Life sciences	Health sciences	Nursing science
51.3902	Nursing Assistant/ Aide and Patient Care Assistant/ Aide	Life sciences	Health sciences	Nursing science
51.3999	Practical Nursing, Vocational Nursing and Nursing Assistants, Other	Life sciences	Health sciences	Nursing science
51.0805	Pharmacy Technician/ Assistant	Life sciences	Health sciences	Pharmaceutical sciences
51.1103	Pre-Pharmacy Studies	Life sciences	Health sciences	Pharmaceutical sciences
51.2001	Pharmacy	Life sciences	Health sciences	Pharmaceutical sciences

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
51.2002	Pharmacy Administration and Pharmacy Policy and Regulatory Affairs	Life sciences	Health sciences	Pharmaceutical sciences
51.2003	Pharmaceutics and Drug Design	Life sciences	Health sciences	Pharmaceutical sciences
51.2006	Clinical and Industrial Drug Development	Life sciences	Health sciences	Pharmaceutical sciences
51.2007	Pharmacoeconomics/ Pharmaceutical Economics	Life sciences	Health sciences	Pharmaceutical sciences
51.2008	Clinical, Hospital, and Managed Care Pharmacy	Life sciences	Health sciences	Pharmaceutical sciences
51.2009	Industrial and Physical Pharmacy and Cosmetic Sciences	Life sciences	Health sciences	Pharmaceutical sciences
51.2010	Pharmaceutical Sciences	Life sciences	Health sciences	Pharmaceutical sciences
51.2011	Pharmaceutical Marketing and Management	Life sciences	Health sciences	Pharmaceutical sciences
51.2099	Pharmacy, Pharmaceutical Sciences, and Administration, Other	Life sciences	Health sciences	Pharmaceutical sciences
51.0803	Occupational Therapist Assistant	Life sciences	Health sciences	Rehabilitation/ therapeutic services
51.0806	Physical Therapy Assistant	Life sciences	Health sciences	Rehabilitation/ therapeutic services
51.1107	Pre-Occupational Therapy Studies	Life sciences	Health sciences	Rehabilitation/ therapeutic services
51.1109	Pre-Physical Therapy Studies	Life sciences	Health sciences	Rehabilitation/ therapeutic services
51.1501	Substance Abuse/ Addiction Counseling	Life sciences	Health sciences	Rehabilitation/ therapeutic services
51.2300	Rehabilitation and Therapeutic Professions, General	Life sciences	Health sciences	Rehabilitation/ therapeutic services
51.2302	Dance Therapy/ Therapist	Life sciences	Health sciences	Rehabilitation/ therapeutic services
51.2306	Occupational Therapy/ Therapist	Life sciences	Health sciences	Rehabilitation/ therapeutic services
51.2307	Orthotist/ Prosthetist	Life sciences	Health sciences	Rehabilitation/ therapeutic services
51.2308	Physical Therapy/ Therapist	Life sciences	Health sciences	Rehabilitation/ therapeutic services
51.2309	Therapeutic Recreation/ Recreational Therapy	Life sciences	Health sciences	Rehabilitation/ therapeutic services
51.2310	Vocational Rehabilitation Counseling/ Counselor	Life sciences	Health sciences	Rehabilitation/ therapeutic services
51.2311	Kinesiotherapy/ Kinesiotherapist	Life sciences	Health sciences	Rehabilitation/ therapeutic services
51.2312	Assistive/ Augmentative Technology and Rehabilitation Engineering	Life sciences	Health sciences	Rehabilitation/ therapeutic services
51.2313	Animal-Assisted Therapy	Life sciences	Health sciences	Rehabilitation/ therapeutic services
51.2314	Rehabilitation Science	Life sciences	Health sciences	Rehabilitation/ therapeutic services
51.2315	Drama Therapy/ Therapist	Life sciences	Health sciences	Rehabilitation/ therapeutic services
51.2316	Horticulture Therapy/ Therapist	Life sciences	Health sciences	Rehabilitation/ therapeutic services
51.2317	Play Therapy/ Therapist	Life sciences	Health sciences	Rehabilitation/ therapeutic services
51.2399	Rehabilitation and Therapeutic Professions, Other	Life sciences	Health sciences	Rehabilitation/ therapeutic services

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
51.2604	Rehabilitation Aide	Life sciences	Health sciences	Rehabilitation/ therapeutic services
51.2605	Physical Therapy Technician/ Aide	Life sciences	Health sciences	Rehabilitation/ therapeutic services
51.3501	Massage Therapy/ Therapeutic Massage	Life sciences	Health sciences	Rehabilitation/ therapeutic services
51.3502	Asian Bodywork Therapy	Life sciences	Health sciences	Rehabilitation/ therapeutic services
51.3503	Somatic Bodywork	Life sciences	Health sciences	Rehabilitation/ therapeutic services
51.3599	Somatic Bodywork and Related Therapeutic Services, Other	Life sciences	Health sciences	Rehabilitation/ therapeutic services
01.1302	Pre-Veterinary Studies	Life sciences	Health sciences	Veterinary sciences
01.8001	Veterinary Medicine	Life sciences	Health sciences	Veterinary sciences
01.8101	Veterinary Sciences/ Veterinary Clinical Sciences, General	Life sciences	Health sciences	Veterinary sciences
01.8102	Comparative and Laboratory Animal Medicine	Life sciences	Health sciences	Veterinary sciences
01.8103	Large Animal/ Food Animal and Equine Surgery and Medicine	Life sciences	Health sciences	Veterinary sciences
01.8104	Small/ Companion Animal Surgery and Medicine	Life sciences	Health sciences	Veterinary sciences
01.8105	Veterinary Anatomy	Life sciences	Health sciences	Veterinary sciences
01.8106	Veterinary Infectious Diseases	Life sciences	Health sciences	Veterinary sciences
01.8107	Veterinary Microbiology and Immunobiology	Life sciences	Health sciences	Veterinary sciences
01.8108	Veterinary Pathology and Pathobiology	Life sciences	Health sciences	Veterinary sciences
01.8109	Veterinary Physiology	Life sciences	Health sciences	Veterinary sciences
01.8110	Veterinary Preventive Medicine, Epidemiology, and Public Health	Life sciences	Health sciences	Veterinary sciences
01.8111	Veterinary Toxicology and Pharmacology	Life sciences	Health sciences	Veterinary sciences
01.8199	Veterinary Biomedical and Clinical Sciences, Other	Life sciences	Health sciences	Veterinary sciences
01.8201	Veterinary Administrative Services, General	Life sciences	Health sciences	Veterinary sciences
01.8202	Veterinary Office Management/ Administration	Life sciences	Health sciences	Veterinary sciences
01.8203	Veterinary Reception/ Receptionist	Life sciences	Health sciences	Veterinary sciences
01.8204	Veterinary Administrative/ Executive Assistant and Veterinary Secretary	Life sciences	Health sciences	Veterinary sciences
01.8299	Veterinary Administrative Services, Other	Life sciences	Health sciences	Veterinary sciences
01.8301	Veterinary/ Animal Health Technology and Veterinary Assistant	Life sciences	Health sciences	Veterinary sciences
01.8399	Veterinary/ Animal Health Technologies, Other	Life sciences	Health sciences	Veterinary sciences
51.2212	Behavioral Aspects of Health	Life sciences	Health sciences	Health and behavior
51.0000	Health Services/ Allied Health/ Health Sciences, General	Life sciences	Health sciences	Health sciences, general
51.0000b	Health sciences, general	Life sciences	Health sciences	Health sciences, general
51.0001	Health and Wellness, General	Life sciences	Health sciences	Health sciences, general
51.0912	Physician Assistant	Life sciences	Health sciences	Health sciences, general
30.3701	Design for Human Health	Life sciences	Health sciences	Health sciences, other
51.0101	Chiropractic	Life sciences	Health sciences	Health sciences, other
51.0809	Anesthesiologist Assistant	Life sciences	Health sciences	Health sciences, other
51.0810	Emergency Care Attendant (EMT Ambulance)	Life sciences	Health sciences	Health sciences, other
51.0812	Respiratory Therapy Technician/ Assistant	Life sciences	Health sciences	Health sciences, other
51.0813	Chiropractic Technician/ Assistant	Life sciences	Health sciences	Health sciences, other
51.0815	Lactation Consultant	Life sciences	Health sciences	Health sciences, other

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
51.0901	Cardiovascular Technology/ Technologist	Life sciences	Health sciences	Health sciences, other
51.0902	Electrocardiograph Technology	Life sciences	Health sciences	Health sciences, other
51.0903	Electroneurodiagnostic/ Electroencephalographic Technology/ Technologist	Life sciences	Health sciences	Health sciences, other
51.0904	Emergency Medical Technology (EMT Paramedic)	Life sciences	Health sciences	Health sciences, other
51.0908	Respiratory Care Therapy/ Therapist	Life sciences	Health sciences	Health sciences, other
51.0909	Surgical Technology/ Technologist	Life sciences	Health sciences	Health sciences, other
51.0915	Cardiopulmonary Technology/ Technologist	Life sciences	Health sciences	Health sciences, other
51.0917	Polysomnography	Life sciences	Health sciences	Health sciences, other
51.0921	Hyperbaric Medicine Technology	Life sciences	Health sciences	Health sciences, other
51.0922	Intraoperative Neuromonitoring Technology	Life sciences	Health sciences	Health sciences, other
51.0923	Orthopedic Technology	Life sciences	Health sciences	Health sciences, other
51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	Life sciences	Health sciences	Health sciences, other
51.1001	Blood Bank Technology Specialist	Life sciences	Health sciences	Health sciences, other
51.1002	Cytotechnology/ Cytotechnologist	Life sciences	Health sciences	Health sciences, other
51.1003	Hematology Technology	Life sciences	Health sciences	Health sciences, other
51.1004	Clinical/ Medical Laboratory Technician	Life sciences	Health sciences	Health sciences, other
51.1005	Clinical Laboratory Science/ Medical Technology/ Technologist	Life sciences	Health sciences	Health sciences, other
51.1006	Ophthalmic Laboratory Technology	Life sciences	Health sciences	Health sciences, other
51.1007	Histologic Technology/ Histotechnologist	Life sciences	Health sciences	Health sciences, other
51.1008	Histologic Technician	Life sciences	Health sciences	Health sciences, other
51.1009	Phlebotomy Technician/ Phlebotomist	Life sciences	Health sciences	Health sciences, other
51.1011	Renal/ Dialysis Technologist/ Technician	Life sciences	Health sciences	Health sciences, other
51.1012	Sterile Processing Technology	Life sciences	Health sciences	Health sciences, other
51.1099	Clinical/ Medical Laboratory Science and Allied Professions, Other	Life sciences	Health sciences	Health sciences, other
51.1102	Pre-Medicine/ Pre-Medical Studies	Life sciences	Health sciences	Health sciences, other
51.1106	Pre-Chiropractic Studies	Life sciences	Health sciences	Health sciences, other
51.1108	Pre-Optometry Studies	Life sciences	Health sciences	Health sciences, other
51.1110	Pre-Art Therapy	Life sciences	Health sciences	Health sciences, other
51.1111	Pre-Physician Assistant	Life sciences	Health sciences	Health sciences, other
51.1199	Health/ Medical Preparatory Programs, Other	Life sciences	Health sciences	Health sciences, other
51.1201	Medicine	Life sciences	Health sciences	Health sciences, other
51.1202	Osteopathic Medicine/ Osteopathy	Life sciences	Health sciences	Health sciences, other
51.1203	Podiatric Medicine/ Podiatry	Life sciences	Health sciences	Health sciences, other
51.1299	Medicine, Other	Life sciences	Health sciences	Health sciences, other
51.1401	Medical Science/ Scientist	Life sciences	Health sciences	Health sciences, other
51.1402	Clinical and Translational Science	Life sciences	Health sciences	Health sciences, other
51.1403	Pain Management	Life sciences	Health sciences	Health sciences, other
51.1499	Medical Clinical Sciences/ Graduate Medical Studies, Other	Life sciences	Health sciences	Health sciences, other
51.1499b	Clinical Investigation and Sciences	Life sciences	Health sciences	Health sciences, other
51.1701	Optometry	Life sciences	Health sciences	Health sciences, other
51.1801	Opticianry/ Ophthalmic Dispensing Optician	Life sciences	Health sciences	Health sciences, other
51.1802	Optometric Technician/ Assistant	Life sciences	Health sciences	Health sciences, other
51.1803	Ophthalmic Technician/ Technologist	Life sciences	Health sciences	Health sciences, other
51.1804	Orthoptics/ Orthoptist	Life sciences	Health sciences	Health sciences, other

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
51.1899	Ophthalmic and Optometric Support Services and Allied Professions, Other	Life sciences	Health sciences	Health sciences, other
51.2601	Health Aide	Life sciences	Health sciences	Health sciences, other
51.2602	Home Health Aide/ Home Attendant	Life sciences	Health sciences	Health sciences, other
51.2603	Medication Aide	Life sciences	Health sciences	Health sciences, other
51.2699	Health Aides/ Attendants/ Orderlies, Other	Life sciences	Health sciences	Health sciences, other
51.2799	Medical Illustration and Informatics, Other	Life sciences	Health sciences	Health sciences, other
51.3204	Medical/ Health Humanities	Life sciences	Health sciences	Health sciences, other
51.3300	Alternative and Complementary Medicine and Medical Systems, General	Life sciences	Health sciences	Health sciences, other
51.3301	Acupuncture and Oriental Medicine	Life sciences	Health sciences	Health sciences, other
51.3302	Traditional Chinese Medicine and Chinese Herbology	Life sciences	Health sciences	Health sciences, other
51.3303	Naturopathic Medicine/ Naturopathy	Life sciences	Health sciences	Health sciences, other
51.3304	Homeopathic Medicine/ Homeopathy	Life sciences	Health sciences	Health sciences, other
51.3305	Ayurvedic Medicine/ Ayurveda	Life sciences	Health sciences	Health sciences, other
51.3306	Holistic/ Integrative Health	Life sciences	Health sciences	Health sciences, other
51.3399	Alternative and Complementary Medicine and Medical Systems, Other	Life sciences	Health sciences	Health sciences, other
51.3401	Direct Entry Midwifery	Life sciences	Health sciences	Health sciences, other
51.3499	Alternative and Complementary Medical Support Services, Other	Life sciences	Health sciences	Health sciences, other
51.3701	Aromatherapy	Life sciences	Health sciences	Health sciences, other
51.3702	Herbalism/ Herbalist	Life sciences	Health sciences	Health sciences, other
51.3703	Polarity Therapy	Life sciences	Health sciences	Health sciences, other
51.3704	Reiki	Life sciences	Health sciences	Health sciences, other
51.3799	Energy and Biologically Based Therapies, Other	Life sciences	Health sciences	Health sciences, other
51.9999	Health Professions and Related Clinical Sciences, Other	Life sciences	Health sciences	Health sciences, other
51.9999b	Health Sciences, Other	Life sciences	Health sciences	Health sciences, other
51.0814	Radiologist Assistant	Life sciences	Health sciences	Medical physics/ radiological science
51.0905	Nuclear Medical Technology/ Technologist	Life sciences	Health sciences	Medical physics/ radiological science
51.0906	Perfusion Technology/ Perfusionist	Life sciences	Health sciences	Medical physics/ radiological science
51.0907	Medical Radiologic Technology/ Science - Radiation Therapist	Life sciences	Health sciences	Medical physics/ radiological science
51.0911	Radiologic Technology/ Science - Radiographer	Life sciences	Health sciences	Medical physics/ radiological science
51.0916	Radiation Protection/ Health Physics Technician	Life sciences	Health sciences	Medical physics/ radiological science
51.0919	Mammography Technology	Life sciences	Health sciences	Medical physics/ radiological science
51.0920	Magnetic Resonance Imaging (MRI) Technology	Life sciences	Health sciences	Medical physics/ radiological science
51.2205	Health/ Medical Physics	Life sciences	Health sciences	Medical physics/ radiological science
40.0502	Analytical Chemistry	Physical sciences and earth sciences	Chemistry	Analytical chemistry
40.0503	Inorganic Chemistry	Physical sciences and earth sciences	Chemistry	Inorganic chemistry

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
40.0504	Organic Chemistry	Physical sciences and earth sciences	Chemistry	Organic chemistry
40.0599b	Chemical Biology	Physical sciences and earth sciences	Chemistry	Chemical biology
51.2004	Medicinal and Pharmaceutical Chemistry	Physical sciences and earth sciences	Chemistry	Medicinal chemistry
51.2005	Natural Products Chemistry and Pharmacognosy	Physical sciences and earth sciences	Chemistry	Medicinal chemistry
40.0506	Physical Chemistry	Physical sciences and earth sciences	Chemistry	Physical chemistry
40.0507	Polymer Chemistry	Physical sciences and earth sciences	Chemistry	Polymer chemistry
40.0511	Theoretical Chemistry	Physical sciences and earth sciences	Chemistry	Theoretical chemistry
40.0511b	Computational Chemistry	Physical sciences and earth sciences	Chemistry	Theoretical chemistry
40.0501	Chemistry, General	Physical sciences and earth sciences	Chemistry	Chemistry, general
40.0509	Environmental Chemistry	Physical sciences and earth sciences	Chemistry	Chemistry, other
40.0510	Forensic Chemistry	Physical sciences and earth sciences	Chemistry	Chemistry, other
40.0512	Cheminformatics/ Chemistry Informatics	Physical sciences and earth sciences	Chemistry	Chemistry, other
40.0599	Chemistry, Other	Physical sciences and earth sciences	Chemistry	Chemistry, other
40.1002	Materials Chemistry	Physical sciences and earth sciences	Chemistry	Chemistry, other
40.1099b	Fiber and Polymer Sciences	Physical sciences and earth sciences	Chemistry	Chemistry, other
40.9999b	Polymer Sciences	Physical sciences and earth sciences	Chemistry	Chemistry, other
26.1302	Marine Biology and Biological Oceanography	Physical sciences and earth sciences	Geosciences, atmospheric sciences, and ocean sciences	Marine biology and biological oceanography
30.3501	Climate Science	Physical sciences and earth sciences	Geosciences, atmospheric sciences, and ocean sciences	Atmospheric chemistry and climatology
40.0402	Atmospheric Chemistry and Climatology	Physical sciences and earth sciences	Geosciences, atmospheric sciences, and ocean sciences	Atmospheric chemistry and climatology
40.0403	Atmospheric Physics and Dynamics	Physical sciences and earth sciences	Geosciences, atmospheric sciences, and ocean sciences	Atmospheric physics and dynamics
40.0404	Meteorology	Physical sciences and earth sciences	Geosciences, atmospheric sciences, and ocean sciences	Meteorology
40.0401	Atmospheric Sciences and Meteorology, General	Physical sciences and earth sciences	Geosciences, atmospheric sciences, and ocean sciences	Atmospheric sciences and meteorology, general
30.5001	Mathematics and Atmospheric/ Oceanic Science	Physical sciences and earth sciences	Geosciences, atmospheric sciences, and ocean sciences	Atmospheric sciences and meteorology, other
40.0499	Atmospheric Sciences and Meteorology, Other	Physical sciences and earth sciences	Geosciences, atmospheric sciences, and ocean sciences	Atmospheric sciences and meteorology, other

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
40.0499b	Planetary Sciences	Physical sciences and earth sciences	Geosciences, atmospheric sciences, and ocean sciences	Atmospheric sciences and meteorology, other
40.0601c	Geology	Physical sciences and earth sciences	Geosciences, atmospheric sciences, and ocean sciences	Geology
40.0602	Geochemistry	Physical sciences and earth sciences	Geosciences, atmospheric sciences, and ocean sciences	Geochemistry
40.0603	Geophysics and Seismology	Physical sciences and earth sciences	Geosciences, atmospheric sciences, and ocean sciences	Geophysics and seismology
40.0604	Paleontology	Physical sciences and earth sciences	Geosciences, atmospheric sciences, and ocean sciences	Paleontology
40.0606	Geochemistry and Petrology	Physical sciences and earth sciences	Geosciences, atmospheric sciences, and ocean sciences	Mineralogy and petrology
40.0699c	Stratigraphy and Sedimentation	Physical sciences and earth sciences	Geosciences, atmospheric sciences, and ocean sciences	Stratigraphy and sedimentation
40.0699b	Geomorphology and Glacial Geology	Physical sciences and earth sciences	Geosciences, atmospheric sciences, and ocean sciences	Geomorphology and glacial geology
30.3801	Earth Systems Science	Physical sciences and earth sciences	Geosciences, atmospheric sciences, and ocean sciences	Geological and earth sciences, general
30.3801b	Earth & Environmental Sciences	Physical sciences and earth sciences	Geosciences, atmospheric sciences, and ocean sciences	Geological and earth sciences, general
30.4101	Environmental Geosciences	Physical sciences and earth sciences	Geosciences, atmospheric sciences, and ocean sciences	Geological and earth sciences, general
30.4201	Geoarcheaology	Physical sciences and earth sciences	Geosciences, atmospheric sciences, and ocean sciences	Geological and earth sciences, general
30.4301	Geobiology	Physical sciences and earth sciences	Geosciences, atmospheric sciences, and ocean sciences	Geological and earth sciences, general
40.0601	Geology/ Earth Science, General	Physical sciences and earth sciences	Geosciences, atmospheric sciences, and ocean sciences	Geological and earth sciences, general
40.0601b	Earth Science	Physical sciences and earth sciences	Geosciences, atmospheric sciences, and ocean sciences	Geological and earth sciences, general
40.0699	Geological and Earth Sciences/ Geosciences, Other	Physical sciences and earth sciences	Geosciences, atmospheric sciences, and ocean sciences	Geological and earth sciences, other
03.0205	Water, Wetlands, and Marine Resources Management	Physical sciences and earth sciences	Geosciences, atmospheric sciences, and ocean sciences	Hydrology and water resources
40.0605	Hydrology and Water Resources Science	Physical sciences and earth sciences	Geosciences, atmospheric sciences, and ocean sciences	Hydrology and water resources
29.0306	Operational Oceanography (MILITARY)	Physical sciences and earth sciences	Geosciences, atmospheric sciences, and ocean sciences	Oceanography, chemical and physical

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
40.0607	Oceanography, Chemical and Physical	Physical sciences and earth sciences	Geosciences, atmospheric sciences, and ocean sciences	Oceanography, chemical and physical
30.2901	Maritime Studies	Physical sciences and earth sciences	Geosciences, atmospheric sciences, and ocean sciences	Marine sciences
30.3201	Marine Sciences	Physical sciences and earth sciences	Geosciences, atmospheric sciences, and ocean sciences	Marine sciences
30.3201b	Ocean/ Marine Science, Other	Physical sciences and earth sciences	Geosciences, atmospheric sciences, and ocean sciences	Ocean/ marine sciences, other
40.0201	Astronomy	Physical sciences and earth sciences	Physics and astronomy	Astronomy
40.0203	Planetary Astronomy and Science	Physical sciences and earth sciences	Physics and astronomy	Astronomy
40.0202	Astrophysics	Physical sciences and earth sciences	Physics and astronomy	Astrophysics
40.1101	Physics and Astronomy	Physical sciences and earth sciences	Physics and astronomy	Astrophysics
40.1101b	Cosmology	Physical sciences and earth sciences	Physics and astronomy	Astrophysics
40.0299	Astronomy and Astrophysics, Other	Physical sciences and earth sciences	Physics and astronomy	Astronomy and astrophysics, other
40.0299b	Cosmology	Physical sciences and earth sciences	Physics and astronomy	Astronomy and astrophysics, other
40.0809	Acoustics	Physical sciences and earth sciences	Physics and astronomy	Acoustics
40.0508	Chemical Physics	Physical sciences and earth sciences	Physics and astronomy	Atomic/ molecular/ chemical physics
40.0802	Atomic/ Molecular Physics	Physical sciences and earth sciences	Physics and astronomy	Atomic/ molecular/ chemical physics
40.0804	Elementary Particle Physics	Physical sciences and earth sciences	Physics and astronomy	Elementary particle physics
26.0203b	Biophysics (PHYSICS)	Physical sciences and earth sciences	Physics and astronomy	Biophysics (physics)
40.0806	Nuclear Physics	Physical sciences and earth sciences	Physics and astronomy	Nuclear physics
40.0807	Optics/ Optical Sciences	Physical sciences and earth sciences	Physics and astronomy	Optics/ photonics
40.0805	Plasma and High-Temperature Physics	Physical sciences and earth sciences	Physics and astronomy	Plasma/ high-temperature physics
40.0808b	Polymer Physics	Physical sciences and earth sciences	Physics and astronomy	Polymer physics
40.0808	Condensed Matter and Materials Physics	Physical sciences and earth sciences	Physics and astronomy	Condensed matter/ low-temperature physics
40.0899b	Applied Physics	Physical sciences and earth sciences	Physics and astronomy	Applied physics
40.0801	Physics, General	Physical sciences and earth sciences	Physics and astronomy	Physics, general
40.0101	Physical Sciences, General	Physical sciences and earth sciences	Physics and astronomy	Physics, other
40.0810	Theoretical and Mathematical Physics	Physical sciences and earth sciences	Physics and astronomy	Physics, other
40.0899	Physics, Other	Physical sciences and earth sciences	Physics and astronomy	Physics, other

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
40.9999	Physical Sciences, Other	Physical sciences and earth sciences	Physics and astronomy	Physics, other
11.0102	Artificial Intelligence	Mathematics and computer sciences	Computer and information sciences	Computer science
11.0104	Informatics	Mathematics and computer sciences	Computer and information sciences	Computer science
11.0701	Computer Science	Mathematics and computer sciences	Computer and information sciences	Computer science
11.0701b	Computing Theory and Practice (COMPUTER SCIENCE)	Mathematics and computer sciences	Computer and information sciences	Computer science
30.3101	Human Computer Interaction	Mathematics and computer sciences	Computer and information sciences	Computer science
11.0103	Information Technology	Mathematics and computer sciences	Computer and information sciences	Information science and systems
11.0301	Data Processing and Data Processing Technology	Mathematics and computer sciences	Computer and information sciences	Information science and systems
11.0401	Information Science/ Studies	Mathematics and computer sciences	Computer and information sciences	Information science and systems
29.0406	Military Information Systems Technology	Mathematics and computer sciences	Computer and information sciences	Information science and systems
11.0101	Computer and Information Sciences, General	Mathematics and computer sciences	Computer and information sciences	Computer and information sciences, general
11.0201	Computer Programming/ Programmer, General	Mathematics and computer sciences	Computer and information sciences	Computer and information sciences, general
11.0202	Computer Programming, Specific Applications	Mathematics and computer sciences	Computer and information sciences	Computer and information sciences, general
11.0203	Computer Programming, Vendor/ Product Certification	Mathematics and computer sciences	Computer and information sciences	Computer and information sciences, general
11.0204	Computer Game Programming	Mathematics and computer sciences	Computer and information sciences	Computer and information sciences, general
11.0205	Computer Programming, Specific Platforms	Mathematics and computer sciences	Computer and information sciences	Computer and information sciences, general
11.0901	Computer Systems Networking and Telecommunications	Mathematics and computer sciences	Computer and information sciences	Computer and information sciences, general
11.0902	Cloud Computing	Mathematics and computer sciences	Computer and information sciences	Computer and information sciences, general
11.0999	Computer Systems Networking and Telecommunications, Other	Mathematics and computer sciences	Computer and information sciences	Computer and information sciences, general

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
11.1006	Computer Support Specialist	Mathematics and computer sciences	Computer and information sciences	Computer and information sciences, general
10.0308	Computer Typography and Composition Equipment Operator	Mathematics and computer sciences	Computer and information sciences	Computer and information sciences, other
11.0105	Human-Centered Technology Design	Mathematics and computer sciences	Computer and information sciences	Computer and information sciences, other
11.0199	Computer and Information Sciences, Other	Mathematics and computer sciences	Computer and information sciences	Computer and information sciences, other
11.0299	Computer Programming, Other	Mathematics and computer sciences	Computer and information sciences	Computer and information sciences, other
11.0501	Computer Systems Analysis/ Analyst	Mathematics and computer sciences	Computer and information sciences	Computer and information sciences, other
11.0801	Web Page, Digital/ Multimedia and Information Resources Design	Mathematics and computer sciences	Computer and information sciences	Computer and information sciences, other
11.0802	Data Modeling/ Warehousing and Database Administration	Mathematics and computer sciences	Computer and information sciences	Computer and information sciences, other
11.0803	Computer Graphics	Mathematics and computer sciences	Computer and information sciences	Computer and information sciences, other
11.0804	Modeling, Virtual Environments and Simulation	Mathematics and computer sciences	Computer and information sciences	Computer and information sciences, other
11.0899	Computer Software and Media Applications, Other	Mathematics and computer sciences	Computer and information sciences	Computer and information sciences, other
11.1001	Network and System Administration/ Administrator	Mathematics and computer sciences	Computer and information sciences	Computer and information sciences, other
11.1002	System, Networking, and LAN/ WAN Management/ Manager	Mathematics and computer sciences	Computer and information sciences	Computer and information sciences, other
11.1003	Computer and Information Systems Security/ Auditing/ Information Assurance	Mathematics and computer sciences	Computer and information sciences	Computer and information sciences, other
11.1004	Web/ Multimedia Management and Webmaster	Mathematics and computer sciences	Computer and information sciences	Computer and information sciences, other
11.1005	Information Technology Project Management	Mathematics and computer sciences	Computer and information sciences	Computer and information sciences, other
11.1099	Computer/ Information Technology Services Administration and Management, Other	Mathematics and computer sciences	Computer and information sciences	Computer and information sciences, other
11.9999	Computer and Information Sciences and Support Services, Other	Mathematics and computer sciences	Computer and information sciences	Computer and information sciences, other
29.0207	Cyber/ Electronic Operations and Warfare (MILITARY)	Mathematics and computer sciences	Computer and information sciences	Computer and information sciences, other

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
29.0299	Intelligence, Command Control and Information Operations, Other (MILITARY)	Mathematics and computer sciences	Computer and information sciences	Computer and information sciences, other
30.7001	Data Science, General	Mathematics and computer sciences	Computer and information sciences	Computer and information sciences, other
30.7099	Data Science, Other	Mathematics and computer sciences	Computer and information sciences	Computer and information sciences, other
30.7099b	Data Mining and Machine Learning	Mathematics and computer sciences	Computer and information sciences	Computer and information sciences, other
30.7101	Data Analytics, General	Mathematics and computer sciences	Computer and information sciences	Computer and information sciences, other
30.7199	Data Analytics, Other	Mathematics and computer sciences	Computer and information sciences	Computer and information sciences, other
27.0301	Applied Mathematics, General	Mathematics and computer sciences	Mathematics and statistics	Applied mathematics
27.0304	Computational and Applied Mathematics	Mathematics and computer sciences	Mathematics and statistics	Applied mathematics
27.0399	Applied Mathematics, Other	Mathematics and computer sciences	Mathematics and statistics	Applied mathematics
30.0801	Mathematics and Computer Science	Mathematics and computer sciences	Mathematics and statistics	Applied mathematics
30.7103	Data Visualization	Mathematics and computer sciences	Mathematics and statistics	Applied mathematics
27.0102	Algebra and Number Theory	Mathematics and computer sciences	Mathematics and statistics	Algebra
27.0102b	Algebra	Mathematics and computer sciences	Mathematics and statistics	Algebra
27.0103	Analysis and Functional Analysis	Mathematics and computer sciences	Mathematics and statistics	Analysis and functional analysis
27.0104	Geometry/ Geometric Analysis	Mathematics and computer sciences	Mathematics and statistics	Geometry/ geometric analysis
27.0199c	Logic (MATHEMATICS)	Mathematics and computer sciences	Mathematics and statistics	Logic
27.0102c	Number Theory	Mathematics and computer sciences	Mathematics and statistics	Number theory
27.0501	Statistics (MATHEMATICS)	Mathematics and computer sciences	Mathematics and statistics	Statistics (mathematics)
27.0502	Mathematical Statistics and Probability	Mathematics and computer sciences	Mathematics and statistics	Statistics (mathematics)

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
27.0601	Applied Statistics, General	Mathematics and computer sciences	Mathematics and statistics	Statistics (mathematics)
27.0105	Topology and Foundations	Mathematics and computer sciences	Mathematics and statistics	Topology/ foundations
11.0701c	Computing Theory and Practice (MATHEMATICS)	Mathematics and computer sciences	Mathematics and statistics	Computing theory and practice
27.0303	Computational Mathematics	Mathematics and computer sciences	Mathematics and statistics	Computational mathematics
30.3001	Computational Science	Mathematics and computer sciences	Mathematics and statistics	Computational mathematics
14.3701b	Operations Research (MATHEMATICS)	Mathematics and computer sciences	Mathematics and statistics	Operations research (mathematics)
27.0101	Mathematics, General	Mathematics and computer sciences	Mathematics and statistics	Mathematics/ statistics, general
27.0101b	Mathematical Sciences	Mathematics and computer sciences	Mathematics and statistics	Mathematics/ statistics, general
27.0503	Mathematics and Statistics	Mathematics and computer sciences	Mathematics and statistics	Mathematics/ statistics, general
27.0199	Mathematics, Other	Mathematics and computer sciences	Mathematics and statistics	Mathematics/ statistics, other
27.0305	Financial Mathematics	Mathematics and computer sciences	Mathematics and statistics	Mathematics/ statistics, other
27.0306	Mathematical Biology	Mathematics and computer sciences	Mathematics and statistics	Mathematics/ statistics, other
27.0599	Statistics, Other	Mathematics and computer sciences	Mathematics and statistics	Mathematics/ statistics, other
27.9999	Mathematics and Statistics, Other	Mathematics and computer sciences	Mathematics and statistics	Mathematics/ statistics, other
42.2801	Clinical Psychology	Psychology and social sciences	Psychology	Clinical psychology
42.2899	Clinical, Counseling and Applied Psychology, Other	Psychology and social sciences	Psychology	Clinical psychology
51.1502	Psychiatric/ Mental Health Services Technician	Psychology and social sciences	Psychology	Clinical psychology
51.1506	Clinical Pastoral Counseling/ Patient Counseling	Psychology and social sciences	Psychology	Clinical psychology
51.1507	Psychoanalysis and Psychotherapy	Psychology and social sciences	Psychology	Clinical psychology
42.2814	Applied Behavior Analysis	Psychology and social sciences	Psychology	Behavioral analysis
42.2701	Cognitive Psychology and Psycholinguistics	Psychology and social sciences	Psychology	Cognitive psychology and psycholinguistics

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
42.2803	Counseling Psychology	Psychology and social sciences	Psychology	Counseling
51.1509	Genetic Counseling/ Counselor	Psychology and social sciences	Psychology	Counseling
51.1513	Trauma Counseling	Psychology and social sciences	Psychology	Counseling
51.1599	Mental and Social Health Services and Allied Professions, Other	Psychology and social sciences	Psychology	Counseling
30.2801	Dispute Resolution	Psychology and social sciences	Psychology	Marriage and family therapy/ counseling
51.1505	Marriage and Family Therapy/ Counseling	Psychology and social sciences	Psychology	Marriage and family therapy/ counseling
51.1510	Infant/ Toddler Mental Health Services	Psychology and social sciences	Psychology	Marriage and family therapy/ counseling
51.1511	Medical Family Therapy/ Therapist	Psychology and social sciences	Psychology	Marriage and family therapy/ counseling
42.2703	Developmental and Child Psychology	Psychology and social sciences	Psychology	Developmental and child psychology
42.2710	Developmental and Adolescent Psychology	Psychology and social sciences	Psychology	Developmental and child psychology
42.2807	Clinical Child Psychology	Psychology and social sciences	Psychology	Developmental and child psychology
19.0701	Human Development and Family Studies, General	Psychology and social sciences	Psychology	Human development and family studies
19.0702	Adult Development and Aging	Psychology and social sciences	Psychology	Human development and family studies
19.0704	Family Systems	Psychology and social sciences	Psychology	Human development and family studies
19.0706	Child Development	Psychology and social sciences	Psychology	Human development and family studies
19.0711	Early Childhood and Family Studies	Psychology and social sciences	Psychology	Human development and family studies
19.1001	Work and Family Studies	Psychology and social sciences	Psychology	Human development and family studies
42.2810	Health/ Medical Psychology	Psychology and social sciences	Psychology	Health and medical psychology
51.1508	Mental Health Counseling/ Counselor	Psychology and social sciences	Psychology	Health and medical psychology
42.2704	Experimental Psychology	Psychology and social sciences	Psychology	Experimental psychology
42.2806	Educational Psychology (PSYCHOLOGY)	Psychology and social sciences	Psychology	Educational psychology (psychology)
42.2811	Family Psychology	Psychology and social sciences	Psychology	Family psychology
42.2804	Industrial and Organizational Psychology	Psychology and social sciences	Psychology	Industrial and organizational psychology
42.2705	Personality Psychology	Psychology and social sciences	Psychology	Personality psychology
26.1599b	Cognitive Neuroscience	Psychology and social sciences	Psychology	Cognitive neuroscience
30.1701	Behavioral Sciences	Psychology and social sciences	Psychology	Cognitive neuroscience
30.2501	Cognitive Science, General	Psychology and social sciences	Psychology	Cognitive neuroscience

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
30.2599	Cognitive Science, Other	Psychology and social sciences	Psychology	Cognitive neuroscience
42.2706	Behavioral Neuroscience	Psychology and social sciences	Psychology	Cognitive neuroscience
30.1001	Biopsychology	Psychology and social sciences	Psychology	Neuropsychology/ physiological psychology
42.2799b	Physiological/ Psychobiology Psychology	Psychology and social sciences	Psychology	Neuropsychology/ physiological psychology
42.2708	Psychometrics and Quantitative Psychology	Psychology and social sciences	Psychology	Psychometrics and quantitative psychology
42.2805	School Psychology (PSYCHOLOGY)	Psychology and social sciences	Psychology	School psychology (psychology)
42.2707	Social Psychology	Psychology and social sciences	Psychology	Social psychology
42.2802	Community Psychology	Psychology and social sciences	Psychology	Community psychology
42.0101	Psychology, General	Psychology and social sciences	Psychology	Psychology, general
42.2702	Comparative Psychology	Psychology and social sciences	Psychology	Psychology, general
29.0206	Information/ Psychological Warfare and Military Media Relations	Psychology and social sciences	Psychology	Psychology, other
30.2502	Contemplative Studies/ Inquiry	Psychology and social sciences	Psychology	Psychology, other
42.2709	Psychopharmacology	Psychology and social sciences	Psychology	Psychology, other
42.2799	Research and Experimental Psychology, Other	Psychology and social sciences	Psychology	Psychology, other
42.2799c	Human Factors Psychology	Psychology and social sciences	Psychology	Psychology, other
42.2808	Environmental Psychology	Psychology and social sciences	Psychology	Psychology, other
42.2809	Geropsychology	Psychology and social sciences	Psychology	Psychology, other
42.2812	Forensic Psychology	Psychology and social sciences	Psychology	Psychology, other
42.2813	Applied Psychology	Psychology and social sciences	Psychology	Psychology, other
42.2815	Performance and Sport Psychology	Psychology and social sciences	Psychology	Psychology, other
42.2816	Somatic Psychology	Psychology and social sciences	Psychology	Psychology, other
42.2817	Transpersonal/ Spiritual Psychology	Psychology and social sciences	Psychology	Psychology, other
42.9999	Psychology, Other	Psychology and social sciences	Psychology	Psychology, other
51.3603	Hypnotherapy/ Hypnotherapist	Psychology and social sciences	Psychology	Psychology, other
30.3401	Anthrozoology	Psychology and social sciences	Anthropology	Anthropology, general
45.0201	Anthropology, General	Psychology and social sciences	Anthropology	Anthropology, general
45.0205	Forensic Anthropology	Psychology and social sciences	Anthropology	Anthropology, general

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
45.0299	Anthropology, Other	Psychology and social sciences	Anthropology	Anthropology, general
45.1301	Sociology and Anthropology	Psychology and social sciences	Anthropology	Anthropology, general
45.0204	Cultural Anthropology	Psychology and social sciences	Anthropology	Anthropology, cultural
45.0202	Physical and Biological Anthropology	Psychology and social sciences	Anthropology	Anthropology, physical and biological
45.0203	Medical Anthropology	Psychology and social sciences	Anthropology	Anthropology, physical and biological
45.0602b	Environmental/ Natural Resource Economics (SOCIAL SCIENCES)	Psychology and social sciences	Economics	Natural resources/ environmental economics (social sciences)
30.3901	Economics and Computer Science	Psychology and social sciences	Economics	Other economics
30.4001	Economics and Foreign Language/ Literature	Psychology and social sciences	Economics	Other economics
30.4901	Mathematical Economics	Psychology and social sciences	Economics	Other economics
45.0601	Economics, General	Psychology and social sciences	Economics	Other economics
45.0602	Applied Economics	Psychology and social sciences	Economics	Other economics
45.0604	Development Economics and International Development	Psychology and social sciences	Economics	Other economics
45.0605	International Economics	Psychology and social sciences	Economics	Other economics
45.0699	Economics, Other	Psychology and social sciences	Economics	Other economics
45.0603	Econometrics and Quantitative Economics	Psychology and social sciences	Economics	Econometrics
45.1001	Political Science and Government, General	Psychology and social sciences	Political science and government	Political science and government
45.1002	American Government and Politics (United States)	Psychology and social sciences	Political science and government	Political science and government
45.1003	Canadian Government and Politics	Psychology and social sciences	Political science and government	Political science and government
45.1004	Political Economy	Psychology and social sciences	Political science and government	Political science and government
45.1099	Political Science and Government, Other	Psychology and social sciences	Political science and government	Political science and government
45.1101	Sociology, General	Psychology and social sciences	Sociology	Sociology
45.1102	Applied/ Public Sociology	Psychology and social sciences	Sociology	Sociology
45.1103	Rural Sociology	Psychology and social sciences	Sociology	Sociology
45.1199	Sociology, Other	Psychology and social sciences	Sociology	Sociology
44.0503	Health Policy Analysis	Psychology and social sciences	Other social sciences	Health policy analysis
05.0207	Women's Studies	Psychology and social sciences	Other social sciences	Gender and women's studies
05.0208	Gay/ Lesbian Studies	Psychology and social sciences	Other social sciences	Gender and women's studies

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
05.0101	African Studies	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
05.0103	Asian Studies/ Civilization	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
05.0104	East Asian Studies	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
05.0105	Russian, Central European, East European and Eurasian Studies	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
05.0106	European Studies/ Civilization	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
05.0107	Latin American Studies	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
05.0109	Pacific Area/ Pacific Rim Studies	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
05.0110	Russian Studies	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
05.0111	Scandinavian Studies	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
05.0112	South Asian Studies	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
05.0113	Southeast Asian Studies	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
05.0114	Western European Studies	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
05.0115	Canadian Studies	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
05.0116	Balkans Studies	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
05.0117	Baltic Studies	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
05.0118	Slavic Studies	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
05.0119	Caribbean Studies	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
05.0120	Ural-Altaic and Central Asian Studies	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
05.0121	Commonwealth Studies	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
05.0122	Regional Studies (US, Canadian, Foreign)	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
05.0123	Chinese Studies	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
05.0124	French Studies	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
05.0125	German Studies	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
05.0126	Italian Studies	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
05.0127	Japanese Studies	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
05.0128	Korean Studies	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
05.0129	Polish Studies	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
05.0130	Spanish and Iberian Studies	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
05.0131	Tibetan Studies	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
05.0132	Ukraine Studies	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
05.0133	Irish Studies	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
05.0134	Latin American and Caribbean Studies	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
05.0135	Appalachian Studies	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
05.0136	Arctic Studies	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
05.0199	Area Studies, Other	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
05.0200	Ethnic Studies	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
05.0202	American Indian/ Native American Studies	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
05.0203	Hispanic-American, Puerto Rican, Latinx, and Mexican-American/ Chicano Studies	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
05.0206	Asian-American Studies	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
05.0209	Folklore Studies	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
05.0210	Disability Studies	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
05.0211	Deaf Studies	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
05.0212	Comparative Group Studies	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
05.0299	Ethnic, Cultural Minority, Gender, and Group Studies, Other	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
05.9999	Area, Ethnic, Cultural, Gender, and Group Studies, Other	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
30.2301	Intercultural/ Multicultural and Diversity Studies	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
30.2601	Cultural Studies/ Critical Theory and Analysis	Psychology and social sciences	Other social sciences	Area/ ethnic/ cultural studies
45.0301	Archaeology/ Archeology (SOCIAL SCIENCES)	Psychology and social sciences	Other social sciences	Archaeology (social sciences)
03.0208	Environmental/ Natural Resources Law Enforcement and Protective Services	Psychology and social sciences	Other social sciences	Criminal justice and corrections
29.0201	Intelligence, General (MILITARY)	Psychology and social sciences	Other social sciences	Criminal justice and corrections
29.0202	Strategic Intelligence (MILITARY)	Psychology and social sciences	Other social sciences	Criminal justice and corrections
29.0203	Signal/ Geospatial Intelligence (MILITARY)	Psychology and social sciences	Other social sciences	Criminal justice and corrections
29.0205	Information Operations/ Joint Information Operations (MILITARY)	Psychology and social sciences	Other social sciences	Criminal justice and corrections
29.0404	Explosive Ordinance/ Bomb Disposal (MILITARY)	Psychology and social sciences	Other social sciences	Criminal justice and corrections

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
43.0100	Criminal Justice and Corrections, General	Psychology and social sciences	Other social sciences	Criminal justice and corrections
43.0102	Corrections	Psychology and social sciences	Other social sciences	Criminal justice and corrections
43.0103	Criminal Justice/ Law Enforcement Administration	Psychology and social sciences	Other social sciences	Criminal justice and corrections
43.0104	Criminal Justice/ Safety Studies	Psychology and social sciences	Other social sciences	Criminal justice and corrections
43.0107	Criminal Justice/ Police Science	Psychology and social sciences	Other social sciences	Criminal justice and corrections
43.0109	Security and Loss Prevention Services	Psychology and social sciences	Other social sciences	Criminal justice and corrections
43.0110	Juvenile Corrections	Psychology and social sciences	Other social sciences	Criminal justice and corrections
43.0112	Securities Services Administration/ Management	Psychology and social sciences	Other social sciences	Criminal justice and corrections
43.0113	Corrections Administration	Psychology and social sciences	Other social sciences	Criminal justice and corrections
43.0114	Law Enforcement Investigation and Interviewing	Psychology and social sciences	Other social sciences	Criminal justice and corrections
43.0115	Law Enforcement Record-Keeping and Evidence Management	Psychology and social sciences	Other social sciences	Criminal justice and corrections
43.0119	Critical Incident Response/ Special Police Operations	Psychology and social sciences	Other social sciences	Criminal justice and corrections
43.0120	Protective Services Operations	Psychology and social sciences	Other social sciences	Criminal justice and corrections
43.0121	Suspension and Debarment Investigation	Psychology and social sciences	Other social sciences	Criminal justice and corrections
43.0122	Maritime Law Enforcement	Psychology and social sciences	Other social sciences	Criminal justice and corrections
43.0123	Cultural/ Archaeological Resources Protection	Psychology and social sciences	Other social sciences	Criminal justice and corrections
43.0199	Corrections and Criminal Justice, Other	Psychology and social sciences	Other social sciences	Criminal justice and corrections
43.0201	Fire Prevention and Safety Technology	Psychology and social sciences	Other social sciences	Criminal justice and corrections
43.0203	Fire Science/ Fire-fighting	Psychology and social sciences	Other social sciences	Criminal justice and corrections
43.0204	Fire Systems Technology	Psychology and social sciences	Other social sciences	Criminal justice and corrections
43.0205	Fire/ Arson Investigation and Prevention	Psychology and social sciences	Other social sciences	Criminal justice and corrections
43.0206	Wildland/ Forest Firefighting and Investigation	Psychology and social sciences	Other social sciences	Criminal justice and corrections
43.0299	Fire Protection, Other	Psychology and social sciences	Other social sciences	Criminal justice and corrections
43.0301	Homeland Security	Psychology and social sciences	Other social sciences	Criminal justice and corrections
43.0302	Crisis/ Emergency/ Disaster Management	Psychology and social sciences	Other social sciences	Criminal justice and corrections
43.0303	Critical Infrastructure Protection	Psychology and social sciences	Other social sciences	Criminal justice and corrections
43.0304	Terrorism and Counterterrorism Operations	Psychology and social sciences	Other social sciences	Criminal justice and corrections

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
43.0399	Homeland Security, Other	Psychology and social sciences	Other social sciences	Criminal justice and corrections
43.0401	Security Science and Technology, General	Psychology and social sciences	Other social sciences	Criminal justice and corrections
43.0403	Cyber/ Computer Forensics and Counterterrorism	Psychology and social sciences	Other social sciences	Criminal justice and corrections
43.0404	Cybersecurity Defense Strategy/ Policy	Psychology and social sciences	Other social sciences	Criminal justice and corrections
43.0405	Financial Forensics and Fraud Investigation	Psychology and social sciences	Other social sciences	Criminal justice and corrections
43.0406	Forensic Science and Technology	Psychology and social sciences	Other social sciences	Criminal justice and corrections
43.0407	Geospatial Intelligence	Psychology and social sciences	Other social sciences	Criminal justice and corrections
43.0408	Law Enforcement Intelligence Analysis	Psychology and social sciences	Other social sciences	Criminal justice and corrections
43.0499	Security Science and Technology, Other	Psychology and social sciences	Other social sciences	Criminal justice and corrections
43.9999	Homeland Security, Law Enforcement, Firefighting and Related Protective Services, Other	Psychology and social sciences	Other social sciences	Criminal justice and corrections
43.0402	Criminalistics and Criminal Science	Psychology and social sciences	Other social sciences	Criminology
45.0401	Criminology	Psychology and social sciences	Other social sciences	Criminology
45.0501	Demography and Population Studies	Psychology and social sciences	Other social sciences	Demography/ population studies
45.0502	Applied Demography	Psychology and social sciences	Other social sciences	Demography/ population studies
45.0599	Demography, Other	Psychology and social sciences	Other social sciences	Demography/ population studies
30.4401	Geography and Environmental Studies	Psychology and social sciences	Other social sciences	Geography
45.0701	Geography	Psychology and social sciences	Other social sciences	Geography
45.0702	Geographic Information Science and Cartography	Psychology and social sciences	Other social sciences	Geography
45.0799	Geography, Other	Psychology and social sciences	Other social sciences	Geography
45.1501	Geography and Anthropology	Psychology and social sciences	Other social sciences	Geography
30.2001	International/ Globalization Studies	Psychology and social sciences	Other social sciences	International relations/ affairs
45.0901	International Relations and Affairs	Psychology and social sciences	Other social sciences	International relations/ affairs
45.0902	National Security Policy Studies	Psychology and social sciences	Other social sciences	International relations/ affairs
45.0999	International Relations and National Security Studies, Other	Psychology and social sciences	Other social sciences	International relations/ affairs
16.0105	Applied Linguistics	Psychology and social sciences	Other social sciences	Applied linguistics
16.0102	Linguistics	Psychology and social sciences	Other social sciences	Linguistics
16.0199	Linguistic, Comparative, and Related Language Studies and Services, Other	Psychology and social sciences	Other social sciences	Linguistics

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
16.0199b	Translation Studies	Psychology and social sciences	Other social sciences	Linguistics
30.4701	Linguistics and Anthropology	Psychology and social sciences	Other social sciences	Linguistics
30.4801	Linguistics and Computer Science	Psychology and social sciences	Other social sciences	Linguistics
30.1202	Cultural Resource Management and Policy Analysis	Psychology and social sciences	Other social sciences	Public policy analysis
44.0501	Public Policy Analysis, General	Psychology and social sciences	Other social sciences	Public policy analysis
44.0504	International Policy Analysis	Psychology and social sciences	Other social sciences	Public policy analysis
44.0599	Public Policy Analysis, Other	Psychology and social sciences	Other social sciences	Public policy analysis
44.0599b	Public Policy and Administration	Psychology and social sciences	Other social sciences	Public policy analysis
30.1101	Gerontology (MULTIDISCIPLINARY STUDIES)	Psychology and social sciences	Other social sciences	Gerontology (social sciences)
30.1101c	Gerontology (SOCIAL SCIENCES)	Psychology and social sciences	Other social sciences	Gerontology (social sciences)
27.0599b	Statistics (SOCIAL SCIENCES)	Psychology and social sciences	Other social sciences	Statistics (social sciences)
45.0102	Research Methodology and Quantitative Methods	Psychology and social sciences	Other social sciences	Statistics (social sciences)
45.0103	Survey Research/ Methodology	Psychology and social sciences	Other social sciences	Statistics (social sciences)
45.1201	Urban Studies/ Affairs	Psychology and social sciences	Other social sciences	Urban studies/ affairs
03.0206	Land Use Planning and Management/ Development	Psychology and social sciences	Other social sciences	Urban, city, community and regional planning
04.0301	City/ Urban, Community, and Regional Planning	Psychology and social sciences	Other social sciences	Urban, city, community and regional planning
04.1001	Real Estate Development	Psychology and social sciences	Other social sciences	Urban, city, community and regional planning
45.0101	Social Sciences, General	Psychology and social sciences	Other social sciences	Social sciences, general
30.0501	Peace Studies and Conflict Resolution	Psychology and social sciences	Other social sciences	Social sciences, other
30.0501b	Conflict Analysis and Resolution	Psychology and social sciences	Other social sciences	Social sciences, other
45.0199	Social Sciences, Other	Psychology and social sciences	Other social sciences	Social sciences, other
45.9999	Social Sciences, Other	Psychology and social sciences	Other social sciences	Social sciences, other
30.1501	Science, Technology and Society	Psychology and social sciences	Other social sciences	History, science and technology and society
51.3205	History of Medicine	Psychology and social sciences	Other social sciences	History, science and technology and society
54.0104	History and Philosophy of Science and Technology	Psychology and social sciences	Other social sciences	History, science and technology and society
05.0102	American/ United States Studies/ Civilization	Psychology and social sciences	Other social sciences	American/ U.S. studies
14.0201	Aerospace, Aeronautical, and Astronautical/ Space Engineering, General	Engineering	Aerospace, aeronautical, and astronautical engineering	Aerospace, aeronautical and astronautical engineering

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
14.0202	Astronautical Engineering	Engineering	Aerospace, aeronautical, and astronautical engineering	Aerospace, aeronautical and astronautical engineering
14.0202b	Aeronautics and Astronautics	Engineering	Aerospace, aeronautical, and astronautical engineering	Aerospace, aeronautical and astronautical engineering
14.0299	Aerospace, Aeronautical, and Astronautical/ Space Engineering, Other	Engineering	Aerospace, aeronautical, and astronautical engineering	Aerospace, aeronautical and astronautical engineering
15.0801	Aeronautical/ Aerospace Engineering Technology	Engineering	Aerospace, aeronautical, and astronautical engineering	Aerospace, aeronautical and astronautical engineering
29.0305	Space Systems Operations (MILITARY)	Engineering	Aerospace, aeronautical, and astronautical engineering	Aerospace, aeronautical and astronautical engineering
29.0401	Aerospace Ground Equipment Technology (MILITARY)	Engineering	Aerospace, aeronautical, and astronautical engineering	Aerospace, aeronautical and astronautical engineering
29.0402	Air and Space Operations Technology (MILITARY)	Engineering	Aerospace, aeronautical, and astronautical engineering	Aerospace, aeronautical and astronautical engineering
29.0403	Aircraft Armament Systems Technology (MILITARY)	Engineering	Aerospace, aeronautical, and astronautical engineering	Aerospace, aeronautical and astronautical engineering
29.0407	Missile and Space Systems Technology	Engineering	Aerospace, aeronautical, and astronautical engineering	Aerospace, aeronautical and astronautical engineering
49.0101	Aeronautics/ Aviation/ Aerospace Science and Technology, General	Engineering	Aerospace, aeronautical, and astronautical engineering	Aerospace, aeronautical and astronautical engineering
14.0501	Bioengineering and Biomedical Engineering	Engineering	Bioengineering and biomedical engineering	Bioengineering and biomedical engineering
14.4501	Biological/ Biosystems Engineering	Engineering	Bioengineering and biomedical engineering	Bioengineering and biomedical engineering
14.0701	Chemical Engineering	Engineering	Chemical engineering	Chemical engineering
14.0702	Chemical and Biomolecular Engineering	Engineering	Chemical engineering	Chemical engineering
14.0799	Chemical Engineering, Other	Engineering	Chemical engineering	Chemical engineering
14.4301	Biochemical Engineering	Engineering	Chemical engineering	Chemical engineering
15.0615	Chemical Engineering Technology	Engineering	Chemical engineering	Chemical engineering
14.0401	Architectural Engineering	Engineering	Civil engineering	Civil engineering
14.0801	Civil Engineering, General	Engineering	Civil engineering	Civil engineering
14.0899	Civil Engineering, Other	Engineering	Civil engineering	Civil engineering
14.0899b	Civil and Environmental Engineering	Engineering	Civil engineering	Civil engineering
14.3301	Construction Engineering	Engineering	Civil engineering	Civil engineering
14.3801	Surveying Engineering	Engineering	Civil engineering	Civil engineering
15.0201	Civil Engineering Technologies	Engineering	Civil engineering	Civil engineering
15.1001	Construction Engineering Technology	Engineering	Civil engineering	Civil engineering
15.1102	Surveying Technology/ Surveying	Engineering	Civil engineering	Civil engineering
15.1103	Hydraulics and Fluid Power Technology	Engineering	Civil engineering	Civil engineering
15.1304	Civil Drafting and Civil Engineering CAD/ CADD	Engineering	Civil engineering	Civil engineering
14.1001	Electrical and Electronics Engineering	Engineering	Electrical, electronics, and communications engineering	Electrical, electronics and communications engineering

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
14.1003	Laser and Optical Engineering	Engineering	Electrical, electronics, and communications engineering	Electrical, electronics and communications engineering
14.1004	Telecommunications Engineering	Engineering	Electrical, electronics, and communications engineering	Electrical, electronics and communications engineering
14.1099	Electrical, Electronics, and Communications Engineering, Other	Engineering	Electrical, electronics, and communications engineering	Electrical, electronics and communications engineering
14.4701	Electrical and Computer Engineering	Engineering	Electrical, electronics, and communications engineering	Electrical, electronics and communications engineering
15.0303	Electrical, Electronic, and Communications Engineering Technology	Engineering	Electrical, electronics, and communications engineering	Electrical, electronics and communications engineering
15.0304	Laser and Optical Technology	Engineering	Electrical, electronics, and communications engineering	Electrical, electronics and communications engineering
15.0305	Telecommunications Technology	Engineering	Electrical, electronics, and communications engineering	Electrical, electronics and communications engineering
15.0306	Integrated Circuit Design Technology	Engineering	Electrical, electronics, and communications engineering	Electrical, electronics and communications engineering
15.0307	Audio Engineering Technology	Engineering	Electrical, electronics, and communications engineering	Electrical, electronics and communications engineering
15.0399	Electrical/ Electronic Engineering Technologies, Other	Engineering	Electrical, electronics, and communications engineering	Electrical, electronics and communications engineering
15.0403	Electromechanical/ Electromechanical Engineering Technology	Engineering	Electrical, electronics, and communications engineering	Electrical, electronics and communications engineering
29.0409	Radar Communications and Systems Technology (MILITARY)	Engineering	Electrical, electronics, and communications engineering	Electrical, electronics and communications engineering
30.9999b	Electrical Engineering and Computer Science	Engineering	Electrical, electronics, and communications engineering	Electrical, electronics and communications engineering
14.3501	Industrial Engineering	Engineering	Industrial and manufacturing engineering	Industrial and manufacturing engineering
14.3501b	Industrial and Systems Engineering	Engineering	Industrial and manufacturing engineering	Industrial and manufacturing engineering
14.3601	Manufacturing Engineering	Engineering	Industrial and manufacturing engineering	Industrial and manufacturing engineering
15.0612	Industrial Technology	Engineering	Industrial and manufacturing engineering	Industrial and manufacturing engineering
15.0613	Manufacturing Engineering Technology	Engineering	Industrial and manufacturing engineering	Industrial and manufacturing engineering
15.0616	Semiconductor Manufacturing Technology	Engineering	Industrial and manufacturing engineering	Industrial and manufacturing engineering
15.0699	Industrial Production Technologies, Other	Engineering	Industrial and manufacturing engineering	Industrial and manufacturing engineering
15.0703	Industrial Safety Technology	Engineering	Industrial and manufacturing engineering	Industrial and manufacturing engineering
15.0704	Hazardous Materials Information Systems Technology	Engineering	Industrial and manufacturing engineering	Industrial and manufacturing engineering

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
14.0601	Ceramic Sciences and Engineering	Engineering	Materials science engineering	Materials science engineering
14.1801	Materials Engineering	Engineering	Materials science engineering	Materials science engineering
14.1801b	Materials Science and Engineering	Engineering	Materials science engineering	Materials science engineering
14.2801	Textile Sciences and Engineering	Engineering	Materials science engineering	Materials science engineering
14.4001	Paper Science and Engineering	Engineering	Materials science engineering	Materials science engineering
15.0617	Composite Materials Technology	Engineering	Materials science engineering	Materials science engineering
30.9999e	Polymer Science and Engineering	Engineering	Materials science engineering	Materials science engineering
40.1001	Materials Science	Engineering	Materials science engineering	Materials science engineering
40.1099	Materials Sciences, Other	Engineering	Materials science engineering	Materials science engineering
14.1901	Mechanical Engineering	Engineering	Mechanical engineering	Mechanical engineering
14.1901b	Mechanical and Aerospace Engineering	Engineering	Mechanical engineering	Mechanical engineering
14.4101	Electromechanical Engineering	Engineering	Mechanical engineering	Mechanical engineering
15.0406	Automation Engineer Technology	Engineering	Mechanical engineering	Mechanical engineering
15.0499	Electromechanical Technologies, Other	Engineering	Mechanical engineering	Mechanical engineering
15.0805	Mechanical/ Mechanical Engineering Technology	Engineering	Mechanical engineering	Mechanical engineering
15.0899	Mechanical Engineering Related Technologies, Other	Engineering	Mechanical engineering	Mechanical engineering
14.0301	Agricultural Engineering	Engineering	Other engineering	Agricultural engineering
14.0803	Structural Engineering	Engineering	Other engineering	Structural engineering
14.1099b	Communications Engineering	Engineering	Other engineering	Communications engineering
14.0901	Computer Engineering, General	Engineering	Other engineering	Computer engineering
14.0902	Computer Hardware Engineering	Engineering	Other engineering	Computer engineering
14.0903	Computer Software Engineering	Engineering	Other engineering	Computer engineering
14.0999	Computer Engineering, Other	Engineering	Other engineering	Computer engineering
15.1201	Computer Engineering Technology	Engineering	Other engineering	Computer engineering
15.1202	Computer/ Computer Systems Technology	Engineering	Other engineering	Computer engineering
15.1203	Computer Hardware Technology	Engineering	Other engineering	Computer engineering
15.1204	Computer Software Technology	Engineering	Other engineering	Computer engineering
15.1299	Computer Engineering Technologies, Other	Engineering	Other engineering	Computer engineering
30.9999d	Computer Science and Engineering	Engineering	Other engineering	Computer engineering
14.1101	Engineering Mechanics	Engineering	Other engineering	Engineering mechanics
14.1101b	Computational Mechanics	Engineering	Other engineering	Engineering mechanics
14.1201	Engineering Physics	Engineering	Other engineering	Engineering physics
29.0303	Engineering Acoustics (MILITARY)	Engineering	Other engineering	Engineering physics
29.0304	Low-Observables and Stealth Technology (MILITARY)	Engineering	Other engineering	Engineering physics
14.1301	Engineering Science	Engineering	Other engineering	Engineering science
14.4401	Engineering Chemistry	Engineering	Other engineering	Engineering science
15.0404	Instrumentation Technology	Engineering	Other engineering	Engineering science
14.0805	Water Resources Engineering	Engineering	Other engineering	Environmental/ environmental health engineering
14.1401	Environmental/ Environmental Health Engineering	Engineering	Other engineering	Environmental/ environmental health engineering

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
14.3401	Forest Engineering	Engineering	Other engineering	Environmental/ environmental health engineering
15.0506	Water Quality and Wastewater Treatment Management and Recycling Technology	Engineering	Other engineering	Environmental/ environmental health engineering
15.0507	Environmental/ Environmental Engineering Technology	Engineering	Other engineering	Environmental/ environmental health engineering
15.0508	Hazardous Materials Management and Waste Technology	Engineering	Other engineering	Environmental/ environmental health engineering
15.0599	Environmental Control Technologies, Other	Engineering	Other engineering	Environmental/ environmental health engineering
14.0802	Geotechnical and Geoenvironmental Engineering	Engineering	Other engineering	Geotechnical and geoenvironmental engineering
14.3901	Geological/ Geophysical Engineering	Engineering	Other engineering	Geotechnical and geoenvironmental engineering
14.2001	Metallurgical Engineering	Engineering	Other engineering	Metallurgical engineering
15.0611	Metallurgical Technology	Engineering	Other engineering	Metallurgical engineering
15.0614	Welding Engineering Technology	Engineering	Other engineering	Metallurgical engineering
14.2301	Nuclear Engineering	Engineering	Other engineering	Nuclear engineering
15.1401	Nuclear Engineering Technology	Engineering	Other engineering	Nuclear engineering
14.2201	Naval Architecture and Marine Engineering	Engineering	Other engineering	Ocean engineering
14.2401	Ocean Engineering	Engineering	Other engineering	Ocean engineering
14.3701	Operations Research (ENGINEERING)	Engineering	Other engineering	Operations research (engineering)
14.2501	Petroleum Engineering	Engineering	Other engineering	Petroleum engineering
15.0903	Petroleum Technology	Engineering	Other engineering	Petroleum engineering
15.0999	Mining and Petroleum Technologies, Other	Engineering	Other engineering	Petroleum engineering
14.3201	Polymer/ Plastics Engineering	Engineering	Other engineering	Polymer and plastics engineering
15.0607	Plastics and Polymer Engineering Technology	Engineering	Other engineering	Polymer and plastics engineering
14.2701	Systems Engineering	Engineering	Other engineering	Systems engineering
29.0301	Combat Systems Engineering (MILITARY)	Engineering	Other engineering	Systems engineering
14.0804	Transportation and Highway Engineering	Engineering	Other engineering	Transportation and highway engineering
14.9999c	Engineering Management and Administration	Engineering	Other engineering	Engineering management and administration
15.0702	Quality Control Technology	Engineering	Other engineering	Engineering management and administration
15.0705	Process Safety Technology	Engineering	Other engineering	Engineering management and administration
15.0799	Quality Control and Safety Technologies, Other	Engineering	Other engineering	Engineering management and administration
15.1501	Engineering/ Industrial Management	Engineering	Other engineering	Engineering management and administration
14.0101	Engineering, General	Engineering	Other engineering	Engineering, general
14.0102	Pre-Engineering	Engineering	Other engineering	Engineering, general
14.0103	Applied Engineering	Engineering	Other engineering	Engineering, general
15.0000	Engineering Technologies, General	Engineering	Other engineering	Engineering, general
15.0001	Applied Engineering Technologies	Engineering	Other engineering	Engineering, general
15.0501	Heating, Ventilation, Air Conditioning and Refrigeration Engineering Technology	Engineering	Other engineering	Engineering, general
15.1301	Drafting and Design Technology, General	Engineering	Other engineering	Engineering, general

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
15.1302	CAD/ CADD Drafting and/ or Design Technology	Engineering	Other engineering	Engineering, general
15.1303	Architectural Drafting and Architectural CAD/ CADD	Engineering	Other engineering	Engineering, general
15.1305	Electrical/ Electronics Drafting and Electrical/ Electronics CAD/ CADD	Engineering	Other engineering	Engineering, general
15.1306	Mechanical Drafting and Mechanical Drafting CAD/ CADD	Engineering	Other engineering	Engineering, general
15.1307	3-D Modeling and Design Technology	Engineering	Other engineering	Engineering, general
15.1502	Engineering Design	Engineering	Other engineering	Engineering, general
14.2101	Mining and Mineral Engineering	Engineering	Other engineering	Engineering, other
14.4801	Energy Systems Engineering, General	Engineering	Other engineering	Engineering, other
14.4802	Power Plant Engineering	Engineering	Other engineering	Engineering, other
14.4899	Energy Systems Engineering, Other	Engineering	Other engineering	Engineering, other
14.9999	Engineering, Other	Engineering	Other engineering	Engineering, other
14.9999d	Computational Engineering	Engineering	Other engineering	Engineering, other
14.9999e	Nanoengineering/Nanoscale Engineering	Engineering	Other engineering	Engineering, other
15.0101	Architectural Engineering Technologies	Engineering	Other engineering	Engineering, other
15.0701	Occupational Safety and Health Technology	Engineering	Other engineering	Engineering, other
15.0803	Automotive Engineering Technology	Engineering	Other engineering	Engineering, other
15.0806	Marine Engineering Technology	Engineering	Other engineering	Engineering, other
15.0807	Motorsports Engineering Technology	Engineering	Other engineering	Engineering, other
15.0901	Mining Technology	Engineering	Other engineering	Engineering, other
15.1199	Engineering-Related Technologies, Other	Engineering	Other engineering	Engineering, other
15.1399	Drafting/ Design Engineering Technologies, Other	Engineering	Other engineering	Engineering, other
15.1503	Packaging Science	Engineering	Other engineering	Engineering, other
15.1599	Engineering-Related Fields, Other	Engineering	Other engineering	Engineering, other
15.1601	Nanotechnology	Engineering	Other engineering	Engineering, other
15.1701	Energy Systems Technology	Engineering	Other engineering	Engineering, other
15.1702	Power Plant Technology	Engineering	Other engineering	Engineering, other
15.1703	Solar Energy Technology	Engineering	Other engineering	Engineering, other
15.1704	Wind Energy Technology	Engineering	Other engineering	Engineering, other
15.1705	Hydroelectric Energy Technology	Engineering	Other engineering	Engineering, other
15.1706	Geothermal Energy Technology	Engineering	Other engineering	Engineering, other
15.1799	Energy Systems Technologies, Other	Engineering	Other engineering	Engineering, other
15.9999	Engineering/ Engineering-Related Technologies, Other	Engineering	Other engineering	Engineering, other
29.0302	Directed Energy Systems (MILITARY)	Engineering	Other engineering	Engineering, other
29.0408	Munitions Systems/ Ordinance Technology (MILITARY)	Engineering	Other engineering	Engineering, other
30.3001b	Computational Science and Engineering	Engineering	Other engineering	Engineering, other
30.3001c	Computational Science, Engineering, and Mathematics	Engineering	Other engineering	Engineering, other
30.9999c	Nanosciences/ Nanoscale Sciences	Engineering	Other engineering	Engineering, other
14.4201	Mechatronics, Robotics, and Automation Engineering	Engineering	Other engineering	Robotics
15.0405	Robotics Technology	Engineering	Other engineering	Robotics
15.0407	Mechatronics, Robotics, and Automation Engineering Technology	Engineering	Other engineering	Robotics
13.0499b	Education and Human Resource Studies/ Development	Education	Education administration	Educational and human resource studies/ development

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
13.0402	Administration of Special Education	Education	Education administration	Educational administration and supervision
13.0403	Adult and Continuing Education Administration	Education	Education administration	Educational administration and supervision
13.0404	Educational, Instructional, and Curriculum Supervision	Education	Education administration	Educational administration and supervision
13.0407	Community College Administration	Education	Education administration	Educational administration and supervision
13.0408	Elementary and Middle School Administration/ Principalship	Education	Education administration	Educational administration and supervision
13.0409	Secondary School Administration/ Principalship	Education	Education administration	Educational administration and supervision
13.0411	Superintendency and Educational System Administration	Education	Education administration	Educational administration and supervision
13.0413	Education Entrepreneurship	Education	Education administration	Educational administration and supervision
13.0414	Early Childhood Program Administration	Education	Education administration	Educational administration and supervision
13.0499	Educational Administration and Supervision, Other	Education	Education administration	Educational administration and supervision
13.0410	Urban Education and Leadership	Education	Education administration	Urban education and leadership
13.0401	Educational Leadership and Administration, General	Education	Education administration	Educational leadership
13.0412	International School Administration/ Leadership	Education	Education administration	Educational leadership
13.0499c	Organizational Leadership and Policy Development (Education)	Education	Education administration	Educational leadership
13.0301	Curriculum and Instruction	Education	Education research	Curriculum and instruction
13.0607	Learning Sciences	Education	Education research	Learning sciences
44.0502	Education Policy Analysis	Education	Education research	Educational policy analysis
13.0501b	Educational/ Instructional Media Design	Education	Education research	Educational/ instructional media design
13.0501c	Learning/Instructional Design and Technology	Education	Education research	Educational/ instructional media design
13.0501	Educational/ Instructional Technology	Education	Education research	Educational/ instructional technology
13.0601	Educational Evaluation and Research	Education	Education research	Educational statistics/ research methods
13.0603	Educational Statistics and Research Methods	Education	Education research	Educational statistics/ research methods
13.0604	Educational Assessment, Testing, and Measurement	Education	Education research	Educational assessment/ testing/ measurement
13.0699	Educational Assessment, Evaluation, and Research, Other	Education	Education research	Educational assessment/ testing/ measurement
42.2806b	Educational Psychology (EDUCATION)	Education	Education research	Educational psychology (education)
42.2805b	School Psychology (EDUCATION)	Education	Education research	School psychology (education)
13.0901	Social and Philosophical Foundations of Education	Education	Education research	Social/ philosophical foundations of education
13.0701	International and Comparative Education	Education	Education research	International education
13.1212	International Teaching and Learning	Education	Education research	International education
13.1001	Special Education and Teaching, General	Education	Education research	Special education
13.1003	Education/ Teaching of Individuals with Hearing Impairments Including Deafness	Education	Education research	Special education

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
13.1004	Education/ Teaching of the Gifted and Talented	Education	Education research	Special education
13.1005	Education/ Teaching of Individuals with Emotional Disturbances	Education	Education research	Special education
13.1006	Education/ Teaching of Individuals with Intellectual Disabilities	Education	Education research	Special education
13.1007	Education/ Teaching of Individuals with Multiple Disabilities	Education	Education research	Special education
13.1008	Education/ Teaching of Individuals with Orthopedic and Other Physical Health Impairments	Education	Education research	Special education
13.1009	Education/ Teaching of Individuals with Vision Impairments Including Blindness	Education	Education research	Special education
13.1011	Education/ Teaching of Individuals with Specific Learning Disabilities	Education	Education research	Special education
13.1012	Education/ Teaching of Individuals with Speech or Language Impairments	Education	Education research	Special education
13.1013	Education/ Teaching of Individuals with Autism	Education	Education research	Special education
13.1014	Education/ Teaching of Individuals Who are Developmentally Delayed	Education	Education research	Special education
13.1015	Education/ Teaching of Individuals in Early Childhood Special Education Programs	Education	Education research	Special education
13.1016	Education/ Teaching of Individuals with Traumatic Brain Injuries	Education	Education research	Special education
13.1017	Education/ Teaching of Individuals in Elementary Special Education Programs	Education	Education research	Special education
13.1018	Education/ Teaching of Individuals in Junior High/ Middle School Special Education Programs	Education	Education research	Special education
13.1019	Education/ Teaching of Individuals in Secondary Special Education Programs	Education	Education research	Special education
13.1099	Special Education and Teaching, Other	Education	Education research	Special education
13.1101	Counselor Education/ School Counseling and Guidance Services	Education	Education research	Counseling education/ counseling and guidance
13.1102	College Student Counseling and Personnel Services	Education	Education research	Counseling education/ counseling and guidance
13.1199	Student Counseling and Personnel Services, Other	Education	Education research	Counseling education/ counseling and guidance
13.0406	Higher Education/ Higher Education Administration	Education	Education research	Higher education evaluation and research
13.0608	Institutional Research	Education	Education research	Higher education evaluation and research
13.0699b	Higher Education Evaluation and Research	Education	Education research	Higher education evaluation and research
13.1207	Montessori Teacher Education	Education	Teacher education	Pre-elementary/ early childhood teacher education
13.1208	Waldorf/ Steiner Teacher Education	Education	Teacher education	Pre-elementary/ early childhood teacher education
13.1209	Kindergarten/ Preschool Education and Teaching	Education	Teacher education	Pre-elementary/ early childhood teacher education
13.1210	Early Childhood Education and Teaching	Education	Teacher education	Pre-elementary/ early childhood teacher education
13.1202	Elementary Education and Teaching	Education	Teacher education	Elementary teacher education

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
13.1203	Junior High/ Intermediate/ Middle School Education and Teaching	Education	Teacher education	Secondary teacher education
13.1205	Secondary Education and Teaching	Education	Teacher education	Secondary teacher education
13.1201	Adult and Continuing Education and Teaching	Education	Teacher education	Adult and continuing teacher education
13.1502	Adult Literacy Tutor/ Instructor	Education	Teacher education	Adult and continuing teacher education
01.0801	Agricultural and Extension Education Services	Education	Teaching fields	Agricultural education
13.1301	Agricultural Teacher Education	Education	Teaching fields	Agricultural education
13.1302	Art Teacher Education	Education	Teaching fields	Art education
13.1401	Teaching English as a Second or Foreign Language/ ESL Language Instructor	Education	Teaching fields	English as a second or foreign language
13.1499	Teaching English or French as a Second or Foreign Language, Other	Education	Teaching fields	English as a second or foreign language
16.1701	English as a Second Language	Education	Teaching fields	English as a second or foreign language
13.1305	English/ Language Arts Teacher Education	Education	Teaching fields	English education
13.0201	Bilingual and Multilingual Education	Education	Teaching fields	Bilingual and multilingual education
13.0299	Bilingual, Multilingual, and Multicultural Education, Other	Education	Teaching fields	Bilingual and multilingual education
13.1306	Foreign Language Teacher Education	Education	Teaching fields	Foreign languages education
13.1325	French Language Teacher Education	Education	Teaching fields	Foreign languages education
13.1326	German Language Teacher Education	Education	Teaching fields	Foreign languages education
13.1330	Spanish Language Teacher Education	Education	Teaching fields	Foreign languages education
13.1333	Latin Teacher Education	Education	Teaching fields	Foreign languages education
13.1402	Teaching French as a Second or Foreign Language	Education	Teaching fields	Foreign languages education
30.9999g	Second Language Acquisition	Education	Teaching fields	Foreign languages education
13.1307	Health Teacher Education	Education	Teaching fields	Health education
13.1327	Health Occupations Teacher Education	Education	Teaching fields	Health education
51.3202	Health Professions Education	Education	Teaching fields	Health education
51.3299	Health Professions Education, Ethics, and Humanities, Other	Education	Teaching fields	Health education
13.1308	Family and Consumer Sciences/ Home Economics Teacher Education	Education	Teaching fields	Family and consumer/ human science education
13.1311	Mathematics Teacher Education	Education	Teaching fields	Mathematics education
13.1312	Music Teacher Education	Education	Teaching fields	Music education
51.3203	Nursing Education	Education	Teaching fields	Nursing education
13.1314	Physical Education Teaching and Coaching	Education	Teaching fields	Physical education and coaching
13.1315	Reading Teacher Education	Education	Teaching fields	Literacy and reading education
13.1315b	Language and Literacy Education	Education	Teaching fields	Literacy and reading education
13.1331	Speech Teacher Education	Education	Teaching fields	Literacy and reading education
13.1339	Communication Arts and Literature Teacher Education	Education	Teaching fields	Literacy and reading education
13.1213	Science, Technology, Engineering, and Mathematics (STEM) Educational Methods	Education	Teaching fields	Science education
13.1316	Science Teacher Education/ General Science Teacher Education	Education	Teaching fields	Science education
13.1321	Computer Teacher Education	Education	Teaching fields	Science education
13.1322	Biology Teacher Education	Education	Teaching fields	Science education
13.1323	Chemistry Teacher Education	Education	Teaching fields	Science education
13.1329	Physics Teacher Education	Education	Teaching fields	Science education

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
13.1332	Geography Teacher Education	Education	Teaching fields	Science education
13.1335	Psychology Teacher Education	Education	Teaching fields	Science education
13.1337	Earth Science Teacher Education	Education	Teaching fields	Science education
13.1338	Environmental Education	Education	Teaching fields	Science education
14.9999b	Engineering Education	Education	Teaching fields	Science education
13.1317	Social Science Teacher Education	Education	Teaching fields	Social science education
13.1318	Social Studies Teacher Education	Education	Teaching fields	Social science education
13.1328	History Teacher Education	Education	Teaching fields	Social science education
13.0202	Multicultural Education	Education	Teaching fields	Teacher education and professional development, other
13.0203	Indian/ Native American Education	Education	Teaching fields	Teacher education and professional development, other
13.1206	Teacher Education, Multiple Levels	Education	Teaching fields	Teacher education and professional development, other
13.1211	Online Educator/ Online Teaching	Education	Teaching fields	Teacher education and professional development, other
13.1214	College/ Postsecondary/ University Teaching	Education	Teaching fields	Teacher education and professional development, other
13.1214b	Developmental Education	Education	Teaching fields	Teacher education and professional development, other
13.1299	Teacher Education and Professional Development, Specific Levels and Methods, Other	Education	Teaching fields	Teacher education and professional development, other
13.1299b	Teaching and Learning	Education	Teaching fields	Teacher education and professional development, other
13.1303	Business and Innovation/ Entrepreneurship Teacher Education	Education	Teaching fields	Teacher education and professional development, other
13.1304	Driver and Safety Teacher Education	Education	Teaching fields	Teacher education and professional development, other
13.1309	Technology Teacher Education/ Industrial Arts Teacher Education	Education	Teaching fields	Teacher education and professional development, other
13.1310	Sales and Marketing Operations/ Marketing and Distribution Teacher Education	Education	Teaching fields	Teacher education and professional development, other
13.1324	Drama and Dance Teacher Education	Education	Teaching fields	Teacher education and professional development, other
13.1334	School Librarian/ School Library Media Specialist	Education	Teaching fields	Teacher education and professional development, other
13.1399	Teacher Education and Professional Development, Specific Subject Areas, Other	Education	Teaching fields	Teacher education and professional development, other
13.1201b	Workforce Education and Development	Education	Other education	Workforce education and development
13.1319	Technical Teacher Education	Education	Other education	Workforce education and development
13.1320	Trade and Industrial Teacher Education	Education	Other education	Workforce education and development
13.0101	Education, General	Education	Other education	Education, general
13.0101b	Educational Studies	Education	Other education	Education, general
13.1501	Teacher Assistant/ Aide	Education	Other education	Education, general
13.1599	Teaching Assistants/ Aides, Other	Education	Other education	Education, general
13.9999	Education, Other	Education	Other education	Education, other
16.0901	French Language and Literature	Humanities and arts	Foreign languages and literature	French language and literature
16.0500	Germanic Languages, Literatures, and Linguistics, General	Humanities and arts	Foreign languages and literature	Germanic language and literature

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
16.0501	German Language and Literature	Humanities and arts	Foreign languages and literature	Germanic language and literature
16.0599	Germanic Languages, Literatures, and Linguistics, Other	Humanities and arts	Foreign languages and literature	Germanic language and literature
16.0902	Italian Language and Literature	Humanities and arts	Foreign languages and literature	Italian language and literature
16.0905	Spanish Language and Literature	Humanities and arts	Foreign languages and literature	Spanish language and literature
16.0908	Hispanic and Latin American Languages, Literatures, and Linguistics, General	Humanities and arts	Foreign languages and literature	Latin American languages and literature
16.0402	Russian Language and Literature	Humanities and arts	Foreign languages and literature	Russian language and literature
16.0301	Chinese Language and Literature	Humanities and arts	Foreign languages and literature	Chinese language and literature
16.0302	Japanese Language and Literature	Humanities and arts	Foreign languages and literature	Japanese language and literature
16.1101	Arabic Language and Literature	Humanities and arts	Foreign languages and literature	Arabic language and literature
16.0101	Foreign Languages and Literatures, General	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.0103	Language Interpretation and Translation	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.0201	African Languages, Literatures, and Linguistics	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.0300	East Asian Languages, Literatures, and Linguistics, General	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.0303	Korean Language and Literature	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.0304	Tibetan Language and Literature	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.0399	East Asian Languages, Literatures, and Linguistics, Other	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.0400	Slavic Languages, Literatures, and Linguistics, General	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.0401	Baltic Languages, Literatures, and Linguistics	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.0404	Albanian Language and Literature	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.0405	Bulgarian Language and Literature	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.0406	Czech Language and Literature	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.0407	Polish Language and Literature	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.0408	Bosnian, Serbian, and Croatian Languages and Literatures	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.0409	Slovak Language and Literature	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.0410	Ukrainian Language and Literature	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.0499	Slavic, Baltic, and Albanian Languages, Literatures, and Linguistics, Other	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.0502	Scandinavian Languages, Literatures, and Linguistics	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
16.0503	Danish Language and Literature	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.0504	Dutch/ Flemish Language and Literature	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.0505	Norwegian Language and Literature	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.0506	Swedish Language and Literature	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.0601	Modern Greek Language and Literature	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.0700	South Asian Languages, Literatures, and Linguistics, General	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.0701	Hindi Language and Literature	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.0702	Sanskrit and Classical Indian Languages, Literatures, and Linguistics	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.0704	Bengali Language and Literature	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.0705	Punjabi Language and Literature	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.0706	Tamil Language and Literature	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.0707	Urdu Language and Literature	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.0799	South Asian Languages, Literatures, and Linguistics, Other	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.0801	Iranian Languages, Literatures, and Linguistics	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.0900	Romance Languages, Literatures, and Linguistics, General	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.0904	Portuguese Language and Literature	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.0906	Romanian Language and Literature	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.0907	Catalan Language and Literature	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.0999	Romance Languages, Literatures, and Linguistics, Other	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.1001	American Indian/ Native American Languages, Literatures, and Linguistics	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.1100	Middle/ Near Eastern and Semitic Languages, Literatures, and Linguistics, General	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.1102	Hebrew Language and Literature	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.1103	Ancient Near Eastern and Biblical Languages, Literatures, and Linguistics	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.1199	Middle/ Near Eastern and Semitic Languages, Literatures, and Linguistics, Other	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.1301	Celtic Languages, Literatures, and Linguistics	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.1400	Southeast Asian Languages, Literatures, and Linguistics, General	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.1401	Australian/ Oceanic/ Pacific Languages, Literatures, and Linguistics	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
16.1402	Indonesian/ Malay Languages and Literatures	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.1403	Burmese Language and Literature	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.1404	Filipino/ Tagalog Language and Literature	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.1405	Khmer/ Cambodian Language and Literature	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.1406	Lao Language and Literature	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.1407	Thai Language and Literature	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.1408	Vietnamese Language and Literature	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.1409	Hawaiian Language and Literature	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.1499	Southeast Asian and Australasian/ Pacific Languages, Literatures, and Linguistics, Other	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.1501	Turkish Language and Literature	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.1502	Uralic Languages, Literatures, and Linguistics	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.1503	Hungarian/ Magyar Language and Literature	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.1504	Mongolian Language and Literature	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.1599	Turkic, Uralic-Altaic, Caucasian, and Central Asian Languages, Literatures, and Linguistics, Other	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.1601	American Sign Language (ASL)	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.1602	Linguistics of ASL and Other Sign Languages	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.1603	Sign Language Interpretation and Translation	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.1699	American Sign Language, Other	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.1801	Armenian Language and Literature	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
16.9999	Foreign Languages, Literatures, and Linguistics, Other	Humanities and arts	Foreign languages and literature	Foreign languages and literatures, other
54.0102	American History (United States)	Humanities and arts	History	American history (U.S. and Canada)
54.0107	Canadian History	Humanities and arts	History	American history (U.S. and Canada)
54.0106	Asian History	Humanities and arts	History	Asian history
30.1301	Medieval and Renaissance Studies	Humanities and arts	History	European history
54.0103	European History	Humanities and arts	History	European history
54.0199c	African History	Humanities and arts	History	African history
54.0199d	Latin American History	Humanities and arts	History	Latin American history

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
05.0108	Near and Middle Eastern Studies	Humanities and arts	History	Middle/ Near East studies
54.0199e	Middle/ Near East History	Humanities and arts	History	Middle/ Near East studies
54.0101	History, General	Humanities and arts	History	History, general
30.2101	Holocaust and Related Studies	Humanities and arts	History	History, other
30.4501	History and Language/ Literature	Humanities and arts	History	History, other
30.4601	History and Political Science	Humanities and arts	History	History, other
54.0105	Public/ Applied History	Humanities and arts	History	History, other
54.0108	Military History	Humanities and arts	History	History, other
54.0199	History, Other	Humanities and arts	History	History, other
16.1200	Classics and Classical Languages, Literatures, and Linguistics, General	Humanities and arts	Letters	Classics
16.1202	Ancient/ Classical Greek Language and Literature	Humanities and arts	Letters	Classics
16.1203	Latin Language and Literature	Humanities and arts	Letters	Classics
16.1299	Classics and Classical Languages, Literatures, and Linguistics, Other	Humanities and arts	Letters	Classics
30.2201	Ancient Studies/ Civilization	Humanities and arts	Letters	Classics
30.2202	Classical, Ancient Mediterranean, and Near Eastern Studies and Archaeology	Humanities and arts	Letters	Classics
30.2299	Classical and Ancient Studies, Other	Humanities and arts	Letters	Classics
16.0104	Comparative Literature	Humanities and arts	Letters	Comparative literature
30.3601	Cultural Studies and Comparative Literature	Humanities and arts	Letters	Comparative literature
23.1401	General Literature	Humanities and arts	Letters	American literature (U.S. and Canada)
23.1402	American Literature (United States)	Humanities and arts	Letters	American literature (U.S. and Canada)
23.1403	American Literature (Canadian)	Humanities and arts	Letters	American literature (U.S. and Canada)
23.1405	Children's and Adolescent Literature	Humanities and arts	Letters	American literature (U.S. and Canada)
23.1499	Literature, Other	Humanities and arts	Letters	American literature (U.S. and Canada)
23.1404	English Literature (British and Commonwealth)	Humanities and arts	Letters	English literature (British and commonwealth)
23.0101	English Language and Literature, General	Humanities and arts	Letters	English language
23.9999	English Language and Literature/ Letters, Other	Humanities and arts	Letters	English language
23.1302	Creative Writing	Humanities and arts	Letters	Creative writing

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
50.0504	Playwriting and Screenwriting	Humanities and arts	Letters	Creative writing
09.0101	Speech Communication and Rhetoric	Humanities and arts	Letters	Speech and rhetorical studies
23.1304	Rhetoric and Composition	Humanities and arts	Letters	Rhetoric and composition
23.1399	Rhetoric and Composition/ Writing Studies, Other	Humanities and arts	Letters	Rhetoric and composition
23.1301	Writing, General	Humanities and arts	Letters	Letters, general
23.1303	Professional, Technical, Business, and Scientific Writing	Humanities and arts	Letters	Letters, general
05.0201	African-American/ Black Studies	Humanities and arts	Other humanities and arts	African American studies/ literature/ history
23.1402b	African-American/ Black Literature	Humanities and arts	Other humanities and arts	African American studies/ literature/ history
30.4501b	African-American/ Black History and Literature	Humanities and arts	Other humanities and arts	African American studies/ literature/ history
54.0102b	African-American/ Black History	Humanities and arts	Other humanities and arts	African American studies/ literature/ history
30.1201	Historic Preservation and Conservation, General	Humanities and arts	Other humanities and arts	Archaeology (humanities)
30.1299	Historic Preservation and Conservation, Other	Humanities and arts	Other humanities and arts	Archaeology (humanities)
45.0301b	Archaeology/ Archeology (HUMANITIES)	Humanities and arts	Other humanities and arts	Archaeology (humanities)
30.5203	Textual Studies	Humanities and arts	Other humanities and arts	Art history/ criticism/ conservation
50.0703	Art History, Criticism and Conservation	Humanities and arts	Other humanities and arts	Art history/ criticism/ conservation
38.0206	Jewish/ Judaic Studies	Humanities and arts	Other humanities and arts	Jewish/ Judaic studies
50.0601	Film/ Cinema/ Media Studies	Humanities and arts	Other humanities and arts	Film/ cinema/ media studies
50.0602	Cinematography and Film/ Video Production	Humanities and arts	Other humanities and arts	Film/ cinema/ media studies
50.0607	Documentary Production	Humanities and arts	Other humanities and arts	Film/ cinema/ media studies
50.0699	Film/ Video and Photographic Arts, Other	Humanities and arts	Other humanities and arts	Film/ cinema/ media studies
50.1099	Arts, Entertainment, and Media Management, Other	Humanities and arts	Other humanities and arts	Film/ cinema/ media studies
50.0901	Music, General	Humanities and arts	Other humanities and arts	Music
50.0902	Music History, Literature, and Theory	Humanities and arts	Other humanities and arts	Music
50.0912	Music Pedagogy	Humanities and arts	Other humanities and arts	Music
50.0913	Music Technology	Humanities and arts	Other humanities and arts	Music
38.0103	Ethics	Humanities and arts	Other humanities and arts	Ethics
38.0104	Applied and Professional Ethics	Humanities and arts	Other humanities and arts	Ethics

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
51.3201	Bioethics/ Medical Ethics	Humanities and arts	Other humanities and arts	Ethics
30.5101	Philosophy, Politics, and Economics	Humanities and arts	Other humanities and arts	Philosophy
38.0001	Philosophy and Religious Studies, General	Humanities and arts	Other humanities and arts	Philosophy
38.0101	Philosophy	Humanities and arts	Other humanities and arts	Philosophy
38.0102	Logic (PHIOLOSPHY)	Humanities and arts	Other humanities and arts	Philosophy
38.0199	Philosophy, Other	Humanities and arts	Other humanities and arts	Philosophy
50.0904	Music Theory and Composition	Humanities and arts	Other humanities and arts	Music theory and composition
50.0903	Music Performance, General	Humanities and arts	Other humanities and arts	Music performance
50.0906	Conducting	Humanities and arts	Other humanities and arts	Music performance
50.0907	Keyboard Instruments	Humanities and arts	Other humanities and arts	Music performance
50.0908	Voice and Opera	Humanities and arts	Other humanities and arts	Music performance
50.0910	Jazz/ Jazz Studies	Humanities and arts	Other humanities and arts	Music performance
50.0911	Stringed Instruments	Humanities and arts	Other humanities and arts	Music performance
50.0914	Brass Instruments	Humanities and arts	Other humanities and arts	Music performance
50.0915	Woodwind Instruments	Humanities and arts	Other humanities and arts	Music performance
50.0916	Percussion Instruments	Humanities and arts	Other humanities and arts	Music performance
50.0905	Musicology and Ethnomusicology	Humanities and arts	Other humanities and arts	Musicology/ ethnomusicology
50.0917	Sound Arts	Humanities and arts	Other humanities and arts	Music, other
50.0999	Music, Other	Humanities and arts	Other humanities and arts	Music, other
50.1003	Music Management	Humanities and arts	Other humanities and arts	Music, other
38.0201	Religion/ Religious Studies	Humanities and arts	Other humanities and arts	Religion/ religious studies
38.0202	Buddhist Studies	Humanities and arts	Other humanities and arts	Religion/ religious studies
38.0203	Christian Studies	Humanities and arts	Other humanities and arts	Religion/ religious studies
38.0204	Hindu Studies	Humanities and arts	Other humanities and arts	Religion/ religious studies
38.0205	Islamic Studies	Humanities and arts	Other humanities and arts	Religion/ religious studies
38.0207	Talmudic Studies	Humanities and arts	Other humanities and arts	Religion/ religious studies
38.0208	Catholic Studies	Humanities and arts	Other humanities and arts	Religion/ religious studies

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
38.0209	Mormon Studies	Humanities and arts	Other humanities and arts	Religion/ religious studies
38.0299	Religion/ Religious Studies, Other	Humanities and arts	Other humanities and arts	Religion/ religious studies
38.9999	Philosophy and Religious Studies, Other	Humanities and arts	Other humanities and arts	Religion/ religious studies
39.0802	Religious/ Canon Law	Humanities and arts	Other humanities and arts	Religion/ religious studies
39.0899	Religious Institution Administration and Law, Other	Humanities and arts	Other humanities and arts	Religion/ religious studies
39.0201	Bible/ Biblical Studies	Humanities and arts	Other humanities and arts	Bible/ biblical studies
50.0501	Drama and Dramatics/ Theatre Arts, General	Humanities and arts	Other humanities and arts	Drama/ theater arts/ performance studies
50.0502	Technical Theatre/ Theatre Design and Technology	Humanities and arts	Other humanities and arts	Drama/ theater arts/ performance studies
50.0505	Theatre Literature, History and Criticism	Humanities and arts	Other humanities and arts	Drama/ theater arts/ performance studies
50.0506	Acting	Humanities and arts	Other humanities and arts	Drama/ theater arts/ performance studies
50.0507	Directing and Theatrical Production	Humanities and arts	Other humanities and arts	Drama/ theater arts/ performance studies
50.0509	Musical Theatre	Humanities and arts	Other humanities and arts	Drama/ theater arts/ performance studies
50.0510	Costume Design	Humanities and arts	Other humanities and arts	Drama/ theater arts/ performance studies
50.0511	Comedy Writing and Performance	Humanities and arts	Other humanities and arts	Drama/ theater arts/ performance studies
50.0599	Dramatic/ Theatre Arts and Stagecraft, Other	Humanities and arts	Other humanities and arts	Drama/ theater arts/ performance studies
50.0301	Dance, General	Humanities and arts	Other humanities and arts	Dance
50.0302	Ballet	Humanities and arts	Other humanities and arts	Dance
50.0399	Dance, Other	Humanities and arts	Other humanities and arts	Dance
24.0103	Humanities/ Humanistic Studies	Humanities and arts	Other humanities and arts	Humanities, general
50.0102	Digital Arts	Humanities and arts	Other humanities and arts	Humanities, general
50.0409	Graphic Design	Humanities and arts	Other humanities and arts	Humanities, general
30.1401	Museology/ Museum Studies	Humanities and arts	Other humanities and arts	Humanities, other
30.5201	Digital Humanities and Textual Studies, General	Humanities and arts	Other humanities and arts	Humanities, other
30.5202	Digital Humanities	Humanities and arts	Other humanities and arts	Humanities, other
30.5299	Digital Humanities and Textual Studies, Other	Humanities and arts	Other humanities and arts	Humanities, other
50.0101	Visual and Performing Arts, General	Humanities and arts	Other humanities and arts	Humanities, other
50.0201	Crafts/ Craft Design, Folk Art and Artisanry	Humanities and arts	Other humanities and arts	Humanities, other

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
50.0406	Commercial Photography	Humanities and arts	Other humanities and arts	Humanities, other
50.0410	Illustration	Humanities and arts	Other humanities and arts	Humanities, other
50.0512	Theatre and Dance	Humanities and arts	Other humanities and arts	Humanities, other
50.0605	Photography	Humanities and arts	Other humanities and arts	Humanities, other
50.0701	Art/ Art Studies, General	Humanities and arts	Other humanities and arts	Humanities, other
50.0702	Fine/ Studio Arts, General	Humanities and arts	Other humanities and arts	Humanities, other
50.0705	Drawing	Humanities and arts	Other humanities and arts	Humanities, other
50.0706	Intermedia/ Multimedia	Humanities and arts	Other humanities and arts	Humanities, other
50.0708	Painting	Humanities and arts	Other humanities and arts	Humanities, other
50.0709	Sculpture	Humanities and arts	Other humanities and arts	Humanities, other
50.0710	Printmaking	Humanities and arts	Other humanities and arts	Humanities, other
50.0711	Ceramic Arts and Ceramics	Humanities and arts	Other humanities and arts	Humanities, other
50.0712	Fiber, Textile and Weaving Arts	Humanities and arts	Other humanities and arts	Humanities, other
50.0713	Jewelry Arts	Humanities and arts	Other humanities and arts	Humanities, other
50.0714	Metal Arts	Humanities and arts	Other humanities and arts	Humanities, other
50.0799	Fine Arts and Art Studies, Other	Humanities and arts	Other humanities and arts	Humanities, other
50.1002	Fine and Studio Arts Management	Humanities and arts	Other humanities and arts	Humanities, other
50.1101	Community/ Environmental/ Socially-Engaged Art	Humanities and arts	Other humanities and arts	Humanities, other
50.9999	Visual and Performing Arts, Other	Humanities and arts	Other humanities and arts	Humanities, other
51.2301	Art Therapy/ Therapist	Humanities and arts	Other humanities and arts	Humanities, other
51.2305	Music Therapy/ Therapist	Humanities and arts	Other humanities and arts	Humanities, other
51.3206	Arts in Medicine/ Health	Humanities and arts	Other humanities and arts	Humanities, other
39.0301	Missions/ Missionary Studies	Humanities and arts	Other humanities and arts	Theology/ religious education
39.0302	Church Planting	Humanities and arts	Other humanities and arts	Theology/ religious education
39.0399	Missions/ Missionary Studies and Missiology, Other	Humanities and arts	Other humanities and arts	Theology/ religious education
39.0401	Religious Education	Humanities and arts	Other humanities and arts	Theology/ religious education
39.0501	Religious/ Sacred Music	Humanities and arts	Other humanities and arts	Theology/ religious education

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
39.0502	Worship Ministry	Humanities and arts	Other humanities and arts	Theology/ religious education
39.0599	Religious Music and Worship, Other	Humanities and arts	Other humanities and arts	Theology/ religious education
39.0601	Theology/ Theological Studies	Humanities and arts	Other humanities and arts	Theology/ religious education
39.0602	Divinity/ Ministry	Humanities and arts	Other humanities and arts	Theology/ religious education
39.0604	Pre-Theology/ Pre-Ministerial Studies	Humanities and arts	Other humanities and arts	Theology/ religious education
39.0605	Rabbinical Studies	Humanities and arts	Other humanities and arts	Theology/ religious education
39.0699	Theological and Ministerial Studies, Other	Humanities and arts	Other humanities and arts	Theology/ religious education
39.0701	Pastoral Studies/ Counseling	Humanities and arts	Other humanities and arts	Theology/ religious education
39.0702	Youth Ministry	Humanities and arts	Other humanities and arts	Theology/ religious education
39.0703	Urban Ministry	Humanities and arts	Other humanities and arts	Theology/ religious education
39.0704	Women's Ministry	Humanities and arts	Other humanities and arts	Theology/ religious education
39.0705	Lay Ministry	Humanities and arts	Other humanities and arts	Theology/ religious education
39.0706	Chaplain/ Chaplaincy Studies	Humanities and arts	Other humanities and arts	Theology/ religious education
39.0799	Pastoral Counseling and Specialized Ministries, Other	Humanities and arts	Other humanities and arts	Theology/ religious education
39.0801	Religious Institution Administration and Management	Humanities and arts	Other humanities and arts	Theology/ religious education
39.9999	Theology and Religious Vocations, Other	Humanities and arts	Other humanities and arts	Theology/ religious education
30.1601	Accounting and Computer Science	Other	Business management and administration	Accounting
52.0301	Accounting	Other	Business management and administration	Accounting
52.0302	Accounting Technology and Bookkeeping	Other	Business management and administration	Accounting
52.0303	Auditing	Other	Business management and administration	Accounting
52.0304	Accounting and Finance	Other	Business management and administration	Accounting
52.0305	Accounting and Business/ Management	Other	Business management and administration	Accounting
52.0399	Accounting and Related Services, Other	Other	Business management and administration	Accounting
30.7104	Financial Analytics	Other	Business management and administration	Finance
52.0801	Finance, General	Other	Business management and administration	Finance
52.0803	Banking and Financial Support Services	Other	Business management and administration	Finance
52.0804	Financial Planning and Services	Other	Business management and administration	Finance

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
52.0806	International Finance	Other	Business management and administration	Finance
52.0807	Investments and Securities	Other	Business management and administration	Finance
52.0808	Public Finance	Other	Business management and administration	Finance
52.0809	Credit Management	Other	Business management and administration	Finance
52.0810	Financial Risk Management	Other	Business management and administration	Finance
52.0899	Finance and Financial Management Services, Other	Other	Business management and administration	Finance
01.0102	Agribusiness/ Agricultural Business Operations	Other	Business management and administration	Business administration and management
01.0106	Agricultural Business Technology	Other	Business management and administration	Business administration and management
52.0101	Business/ Commerce, General	Other	Business management and administration	Business administration and management
52.0201	Business Administration and Management, General	Other	Business management and administration	Business administration and management
52.0202	Purchasing, Procurement/ Acquisitions and Contracts Management	Other	Business management and administration	Business administration and management
52.0203	Logistics, Materials, and Supply Chain Management	Other	Business management and administration	Business administration and management
52.0204	Office Management and Supervision	Other	Business management and administration	Business administration and management
52.0205	Operations Management and Supervision	Other	Business management and administration	Business administration and management
52.0206	Non-Profit/ Public/ Organizational Management	Other	Business management and administration	Business administration and management
52.0207	Customer Service Management	Other	Business management and administration	Business administration and management
52.0208	E-Commerce/ Electronic Commerce	Other	Business management and administration	Business administration and management
52.0209	Transportation/ Mobility Management	Other	Business management and administration	Business administration and management
52.0210	Research and Development Management	Other	Business management and administration	Business administration and management
52.0212	Retail Management	Other	Business management and administration	Business administration and management
52.0299	Business Administration, Management and Operations, Other	Other	Business management and administration	Business administration and management
52.0401	Administrative Assistant and Secretarial Science, General	Other	Business management and administration	Business administration and management
52.0402	Executive Assistant/ Executive Secretary	Other	Business management and administration	Business administration and management
52.0406	Receptionist	Other	Business management and administration	Business administration and management
52.0407	Business/ Office Automation/ Technology/ Data Entry	Other	Business management and administration	Business administration and management
52.0408	General Office Occupations and Clerical Services	Other	Business management and administration	Business administration and management
52.0409	Parts, Warehousing, and Inventory Management Operations	Other	Business management and administration	Business administration and management

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
52.0410	Traffic, Customs, and Transportation Clerk/ Technician	Other	Business management and administration	Business administration and management
52.0411	Customer Service Support/ Call Center/ Teleservice Operation	Other	Business management and administration	Business administration and management
52.0499	Business Operations Support and Secretarial Services, Other	Other	Business management and administration	Business administration and management
52.0703	Small Business Administration/ Management	Other	Business management and administration	Business administration and management
52.1801	Sales, Distribution, and Marketing Operations, General	Other	Business management and administration	Business administration and management
52.1802	Merchandising and Buying Operations	Other	Business management and administration	Business administration and management
52.1803	Retailing and Retail Operations	Other	Business management and administration	Business administration and management
52.1804	Selling Skills and Sales Operations	Other	Business management and administration	Business administration and management
52.1899	General Merchandising, Sales, and Related Marketing Operations, Other	Other	Business management and administration	Business administration and management
52.2101	Telecommunications Management	Other	Business management and administration	Business administration and management
52.0901	Hospitality Administration/ Management, General	Other	Business management and administration	Hospitality, food service and tourism management
52.0903	Tourism and Travel Services Management	Other	Business management and administration	Hospitality, food service and tourism management
52.0904	Hotel/ Motel Administration/ Management	Other	Business management and administration	Hospitality, food service and tourism management
52.0905	Restaurant/ Food Services Management	Other	Business management and administration	Hospitality, food service and tourism management
52.0906	Resort Management	Other	Business management and administration	Hospitality, food service and tourism management
52.0907	Meeting and Event Planning	Other	Business management and administration	Hospitality, food service and tourism management
52.0908	Casino Management	Other	Business management and administration	Hospitality, food service and tourism management
52.0909	Hotel, Motel, and Restaurant Management	Other	Business management and administration	Hospitality, food service and tourism management
52.0910	Brewery/ Brewpub Operations/ Management	Other	Business management and administration	Hospitality, food service and tourism management
52.0999	Hospitality Administration/ Management, Other	Other	Business management and administration	Hospitality, food service and tourism management
52.1905	Tourism and Travel Services Marketing Operations	Other	Business management and administration	Hospitality, food service and tourism management
52.1906	Tourism Promotion Operations	Other	Business management and administration	Hospitality, food service and tourism management
52.1910	Hospitality and Recreation Marketing Operations	Other	Business management and administration	Hospitality, food service and tourism management
52.0601	Business/ Managerial Economics	Other	Business management and administration	Business/ managerial economics
52.1101	International Business/ Trade/ Commerce	Other	Business management and administration	International business/ trade/ commerce
30.7102	Business Analytics	Other	Business management and administration	Management information systems/ business statistics
52.1201	Management Information Systems, General	Other	Business management and administration	Management information systems/ business statistics

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
52.1206	Information Resources Management	Other	Business management and administration	Management information systems/ business statistics
52.1207	Knowledge Management	Other	Business management and administration	Management information systems/ business statistics
52.1299	Management Information Systems and Services, Other	Other	Business management and administration	Management information systems/ business statistics
52.1301	Management Science	Other	Business management and administration	Management information systems/ business statistics
52.1302	Business Statistics	Other	Business management and administration	Management information systems/ business statistics
52.1304	Actuarial Science	Other	Business management and administration	Management information systems/ business statistics
52.1399	Management Sciences and Quantitative Methods, Other	Other	Business management and administration	Management information systems/ business statistics
52.1401	Marketing/ Marketing Management, General	Other	Business management and administration	Marketing management and research
52.1402	Marketing Research	Other	Business management and administration	Marketing management and research
52.1403	International Marketing	Other	Business management and administration	Marketing management and research
52.1404	Digital Marketing	Other	Business management and administration	Marketing management and research
52.1499	Marketing, Other	Other	Business management and administration	Marketing management and research
52.1907	Vehicle and Vehicle Parts and Accessories Marketing Operations	Other	Business management and administration	Marketing management and research
52.1908	Business and Personal/ Financial Services Marketing Operations	Other	Business management and administration	Marketing management and research
52.1909	Special Products Marketing Operations	Other	Business management and administration	Marketing management and research
52.1001	Human Resources Management/ Personnel Administration, General	Other	Business management and administration	Human resources development
52.1002	Labor and Industrial Relations	Other	Business management and administration	Human resources development
52.1004	Labor Studies	Other	Business management and administration	Human resources development
52.1005	Human Resources Development	Other	Business management and administration	Human resources development
52.1006	Executive/ Career Coaching	Other	Business management and administration	Human resources development
52.1099	Human Resources Management and Services, Other	Other	Business management and administration	Human resources development
14.3701c	Operations Research (BUSINESS)	Other	Business management and administration	Operations research (business)
52.0213	Organizational Leadership	Other	Business management and administration	Organizational behavior
52.1003	Organizational Behavior Studies	Other	Business management and administration	Organizational behavior
01.0101	Agricultural Business and Management, General	Other	Business management and administration	Business management/ administration, general
52.0201b	Business Management/ Administration	Other	Business management and administration	Business management/ administration, general
52.0701	Entrepreneurship/ Entrepreneurial Studies	Other	Business management and administration	Business management/ administration, general

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
52.0702	Franchising and Franchise Operations	Other	Business management and administration	Business management/ administration, general
52.2001	Construction Management, General	Other	Business management and administration	Business management/ administration, general
01.0104	Farm/ Farm and Ranch Management	Other	Business management and administration	Business management/ administration, other
01.0105	Agricultural/ Farm Supplies Retailing and Wholesaling	Other	Business management and administration	Business management/ administration, other
01.0199	Agricultural Business and Management, Other	Other	Business management and administration	Business management/ administration, other
01.0301	Agricultural Production Operations, General	Other	Business management and administration	Business management/ administration, other
49.0104	Aviation/ Airway Management and Operations	Other	Business management and administration	Business management/ administration, other
50.1001	Arts, Entertainment, and Media Management, General	Other	Business management and administration	Business management/ administration, other
50.1004	Theatre/ Theatre Arts Management	Other	Business management and administration	Business management/ administration, other
52.0211	Project Management	Other	Business management and administration	Business management/ administration, other
52.0214	Research Administration	Other	Business management and administration	Business management/ administration, other
52.0215	Risk Management	Other	Business management and administration	Business management/ administration, other
52.0216	Science/ Technology Management	Other	Business management and administration	Business management/ administration, other
52.0502	Grantsmanship	Other	Business management and administration	Business management/ administration, other
52.0704	Social Entrepreneurship	Other	Business management and administration	Business management/ administration, other
52.0799	Entrepreneurial and Small Business Operations, Other	Other	Business management and administration	Business management/ administration, other
52.1501	Real Estate	Other	Business management and administration	Business management/ administration, other
52.1601	Taxation	Other	Business management and administration	Business management/ administration, other
52.1701	Insurance	Other	Business management and administration	Business management/ administration, other
52.1901	Auctioneering	Other	Business management and administration	Business management/ administration, other
52.1999	Specialized Merchandising, Sales, and Marketing Operations, Other	Other	Business management and administration	Business management/ administration, other
52.2002	Construction Project Management	Other	Business management and administration	Business management/ administration, other
52.2099	Construction Management, Other	Other	Business management and administration	Business management/ administration, other
52.9999	Business, Management, Marketing, and Related Support Services, Other	Other	Business management and administration	Business management/ administration, other
09.0100b	Communication Research	Other	Communication	Communication research
09.0407	Science/ Health/ Environmental Journalism	Other	Communication	Communication research
09.0102	Mass Communication/ Media Studies	Other	Communication	Mass communication/ media studies
09.0199	Communication and Media Studies, Other	Other	Communication	Mass communication/ media studies

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
09.0401	Journalism	Other	Communication	Film, radio, TV and digital communication
09.0402	Broadcast Journalism	Other	Communication	Film, radio, TV and digital communication
09.0404	Photojournalism	Other	Communication	Film, radio, TV and digital communication
09.0405	Business and Economic Journalism	Other	Communication	Film, radio, TV and digital communication
09.0406	Cultural Journalism	Other	Communication	Film, radio, TV and digital communication
09.0499	Journalism, Other	Other	Communication	Film, radio, TV and digital communication
09.0701	Radio and Television	Other	Communication	Film, radio, TV and digital communication
09.0702	Digital Communication and Media/ Multimedia	Other	Communication	Film, radio, TV and digital communication
09.0799	Radio, Television, and Digital Communication, Other	Other	Communication	Film, radio, TV and digital communication
10.0201	Photographic and Film/ Video Technology	Other	Communication	Film, radio, TV and digital communication
10.0202	Radio and Television Broadcasting Technology	Other	Communication	Film, radio, TV and digital communication
10.0203	Recording Arts Technology	Other	Communication	Film, radio, TV and digital communication
10.0204	Voice Writing Technology	Other	Communication	Film, radio, TV and digital communication
10.0299	Audiovisual Communications Technologies, Other	Other	Communication	Film, radio, TV and digital communication
09.0100c	Communication Theory	Other	Communication	Communication theory
09.0100	Communication, General	Other	Communication	Communication, general
09.0100d	Communication Studies	Other	Communication	Communication, general
09.0901	Organizational Communication, General	Other	Communication	Communication, general
09.0902	Public Relations/ Image Management	Other	Communication	Communication, general
09.0903	Advertising	Other	Communication	Communication, general
09.0905	Health Communication	Other	Communication	Communication, general
10.0105	Communications Technology	Other	Communication	Communication, general
10.0301	Graphic Communications, General	Other	Communication	Communication, general
10.0303	Prepress/ Desktop Publishing and Digital Imaging Design	Other	Communication	Communication, general
10.0304	Animation, Interactive Technology, Video Graphics, and Special Effects	Other	Communication	Communication, general
10.0305	Graphic and Printing Equipment Operator, General Production	Other	Communication	Communication, general
10.0306	Platemaker/ Imager	Other	Communication	Communication, general
10.0307	Printing Press Operator	Other	Communication	Communication, general
10.0399	Graphic Communications, Other	Other	Communication	Communication, general
10.9999	Communications Technologies and Support Services, Other	Other	Communication	Communication, general
51.2703	Medical Illustration/ Medical Illustrator	Other	Communication	Communication, general
52.0501	Business/ Corporate Communications, General	Other	Communication	Communication, general
01.0802	Agricultural Communication/ Journalism	Other	Communication	Communication, other
09.0900	Public Relations, Advertising, and Applied Communication	Other	Communication	Communication, other

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
09.0904	Political Communication	Other	Communication	Communication, other
09.0906	Sports Communication	Other	Communication	Communication, other
09.0907	International and Intercultural Communication	Other	Communication	Communication, other
09.0908	Technical and Scientific Communication	Other	Communication	Communication, other
09.0909	Communication Management and Strategic Communications	Other	Communication	Communication, other
09.0999	Public Relations, Advertising, and Applied Communication, Other	Other	Communication	Communication, other
09.1001	Publishing	Other	Communication	Communication, other
09.9999	Communication, Journalism, and Related Programs, Other	Other	Communication	Communication, other
10.0302	Printing Management	Other	Communication	Communication, other
50.0401	Design and Visual Communications, General	Other	Communication	Communication, other
50.0402	Commercial and Advertising Art	Other	Communication	Communication, other
50.0404	Industrial and Product Design	Other	Communication	Communication, other
50.0411	Game and Interactive Media Design	Other	Communication	Communication, other
50.0499	Design and Applied Arts, Other	Other	Communication	Communication, other
52.0599	Business/ Corporate Communications, Other	Other	Communication	Communication, other
04.0200	Pre-Architecture Studies	Other	Non-S&E fields nec	Architecture/ environmental design
04.0201	Architecture	Other	Non-S&E fields nec	Architecture/ environmental design
04.0202	Architectural Design	Other	Non-S&E fields nec	Architecture/ environmental design
04.0299	Architecture, Other	Other	Non-S&E fields nec	Architecture/ environmental design
04.0401	Environmental Design/ Architecture	Other	Non-S&E fields nec	Architecture/ environmental design
04.0402	Healthcare Environment Design/ Architecture	Other	Non-S&E fields nec	Architecture/ environmental design
04.0403	Sustainable Design/ Architecture	Other	Non-S&E fields nec	Architecture/ environmental design
04.0499	Environmental Design, Other	Other	Non-S&E fields nec	Architecture/ environmental design
04.0501	Interior Architecture	Other	Non-S&E fields nec	Architecture/ environmental design
04.0601	Landscape Architecture	Other	Non-S&E fields nec	Architecture/ environmental design
04.0801	Architectural History and Criticism, General	Other	Non-S&E fields nec	Architecture/ environmental design
04.0802	Architectural Conservation	Other	Non-S&E fields nec	Architecture/ environmental design
04.0803	Architectural Studies	Other	Non-S&E fields nec	Architecture/ environmental design
04.0899	Architectural History, Criticism, and Conservation, Other	Other	Non-S&E fields nec	Architecture/ environmental design
04.0901	Architectural Technology	Other	Non-S&E fields nec	Architecture/ environmental design
04.0902	Architectural and Building Sciences/ Technology	Other	Non-S&E fields nec	Architecture/ environmental design
04.0999	Architectural Sciences and Technology, Other	Other	Non-S&E fields nec	Architecture/ environmental design
04.9999	Architecture and Related Services, Other	Other	Non-S&E fields nec	Architecture/ environmental design

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
50.0408	Interior Design	Other	Non-S&E fields nec	Architecture/ environmental design
19.0101	Family and Consumer Sciences/ Human Sciences, General	Other	Non-S&E fields nec	Family, consumer science, and human science
19.0201	Business Family and Consumer Sciences/ Human Sciences	Other	Non-S&E fields nec	Family, consumer science, and human science
19.0202	Family and Consumer Sciences/ Human Sciences Communication	Other	Non-S&E fields nec	Family, consumer science, and human science
19.0203	Consumer Merchandising/ Retailing Management	Other	Non-S&E fields nec	Family, consumer science, and human science
19.0299	Family and Consumer Sciences/ Human Sciences Business Services, Other	Other	Non-S&E fields nec	Family, consumer science, and human science
19.0401	Family Resource Management Studies, General	Other	Non-S&E fields nec	Family, consumer science, and human science
19.0402	Consumer Economics	Other	Non-S&E fields nec	Family, consumer science, and human science
19.0403	Consumer Services and Advocacy	Other	Non-S&E fields nec	Family, consumer science, and human science
19.0499	Family and Consumer Economics and Related Services, Other	Other	Non-S&E fields nec	Family, consumer science, and human science
19.0501	Foods, Nutrition, and Wellness Studies, General	Other	Non-S&E fields nec	Family, consumer science, and human science
19.0505	Foodservice Systems Administration/ Management	Other	Non-S&E fields nec	Family, consumer science, and human science
19.0599	Foods, Nutrition, and Related Services, Other	Other	Non-S&E fields nec	Family, consumer science, and human science
19.0601	Housing and Human Environments, General	Other	Non-S&E fields nec	Family, consumer science, and human science
19.0604	Facilities Planning and Management	Other	Non-S&E fields nec	Family, consumer science, and human science
19.0605	Home Furnishings and Equipment Installers	Other	Non-S&E fields nec	Family, consumer science, and human science
19.0699	Housing and Human Environments, Other	Other	Non-S&E fields nec	Family, consumer science, and human science
19.0707	Family and Community Services	Other	Non-S&E fields nec	Family, consumer science, and human science
19.0708	Child Care and Support Services Management	Other	Non-S&E fields nec	Family, consumer science, and human science
19.0709	Child Care Provider/ Assistant	Other	Non-S&E fields nec	Family, consumer science, and human science
19.0710	Developmental Services Worker	Other	Non-S&E fields nec	Family, consumer science, and human science
19.0712	Parent Education Services	Other	Non-S&E fields nec	Family, consumer science, and human science
19.0799	Human Development, Family Studies, and Related Services, Other	Other	Non-S&E fields nec	Family, consumer science, and human science
19.0901	Apparel and Textiles, General	Other	Non-S&E fields nec	Family, consumer science, and human science
19.0902	Apparel and Textile Manufacture	Other	Non-S&E fields nec	Family, consumer science, and human science
19.0904	Textile Science	Other	Non-S&E fields nec	Family, consumer science, and human science
19.0905	Apparel and Textile Marketing Management	Other	Non-S&E fields nec	Family, consumer science, and human science

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
19.0906	Fashion and Fabric Consultant	Other	Non-S&E fields nec	Family, consumer science, and human science
19.0999	Apparel and Textiles, Other	Other	Non-S&E fields nec	Family, consumer science, and human science
19.9999	Family and Consumer Sciences/ Human Sciences, Other	Other	Non-S&E fields nec	Family, consumer science, and human science
50.0407	Fashion/ Apparel Design	Other	Non-S&E fields nec	Family, consumer science, and human science
52.1902	Fashion Merchandising	Other	Non-S&E fields nec	Family, consumer science, and human science
52.1903	Fashion Modeling	Other	Non-S&E fields nec	Family, consumer science, and human science
52.1904	Apparel and Accessories Marketing Operations	Other	Non-S&E fields nec	Family, consumer science, and human science
22.0000	Legal Studies	Other	Non-S&E fields nec	Law
22.0001	Pre-Law Studies	Other	Non-S&E fields nec	Law
22.0099	Non-Professional Legal Studies, Other	Other	Non-S&E fields nec	Law
22.0101	Law	Other	Non-S&E fields nec	Law
22.0201	Advanced Legal Research/ Studies, General	Other	Non-S&E fields nec	Law
22.0202	Programs for Foreign Lawyers	Other	Non-S&E fields nec	Law
22.0203	American/ US Law/ Legal Studies/ Jurisprudence	Other	Non-S&E fields nec	Law
22.0204	Canadian Law/ Legal Studies/ Jurisprudence	Other	Non-S&E fields nec	Law
22.0205	Banking, Corporate, Finance, and Securities Law	Other	Non-S&E fields nec	Law
22.0206	Comparative Law	Other	Non-S&E fields nec	Law
22.0207	Energy, Environment, and Natural Resources Law	Other	Non-S&E fields nec	Law
22.0208	Health Law	Other	Non-S&E fields nec	Law
22.0209	International Law and Legal Studies	Other	Non-S&E fields nec	Law
22.0210	International Business, Trade, and Tax Law	Other	Non-S&E fields nec	Law
22.0211	Tax Law/ Taxation	Other	Non-S&E fields nec	Law
22.0212	Intellectual Property Law	Other	Non-S&E fields nec	Law
22.0213	Patent Law	Other	Non-S&E fields nec	Law
22.0214	Agriculture Law	Other	Non-S&E fields nec	Law
22.0215	Arts and Entertainment Law	Other	Non-S&E fields nec	Law
22.0216	Compliance Law	Other	Non-S&E fields nec	Law
22.0217	Criminal Law and Procedure	Other	Non-S&E fields nec	Law
22.0218	Entrepreneurship Law	Other	Non-S&E fields nec	Law
22.0219	Family/ Child/ Elder Law	Other	Non-S&E fields nec	Law
22.0220	Human Resources Law	Other	Non-S&E fields nec	Law
22.0221	Insurance Law	Other	Non-S&E fields nec	Law
22.0222	Real Estate and Land Development Law	Other	Non-S&E fields nec	Law
22.0223	Transportation Law	Other	Non-S&E fields nec	Law
22.0224	Tribal/ Indigenous Law	Other	Non-S&E fields nec	Law
22.0299	Legal Research and Advanced Professional Studies, Other	Other	Non-S&E fields nec	Law
22.0301	Legal Administrative Assistant/ Secretary	Other	Non-S&E fields nec	Law
22.0302	Legal Assistant/ Paralegal	Other	Non-S&E fields nec	Law
22.0303	Court Reporting and Captioning/ Court Reporter	Other	Non-S&E fields nec	Law
22.0304	Court Interpreter	Other	Non-S&E fields nec	Law

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
22.0305	Scopist	Other	Non-S&E fields nec	Law
22.0399	Legal Support Services, Other	Other	Non-S&E fields nec	Law
22.9999	Legal Professions and Studies, Other	Other	Non-S&E fields nec	Law
25.0101	Library and Information Science	Other	Non-S&E fields nec	Library science
25.0102	Children and Youth Library Services	Other	Non-S&E fields nec	Library science
25.0103	Archives/ Archival Administration	Other	Non-S&E fields nec	Library science
25.0199	Library Science and Administration, Other	Other	Non-S&E fields nec	Library science
25.0301	Library and Archives Assisting	Other	Non-S&E fields nec	Library science
25.9999	Library Science, Other	Other	Non-S&E fields nec	Library science
03.0207	Environmental/ Natural Resource Recreation and Tourism	Other	Non-S&E fields nec	Parks/ sports/ recreation/ leisure/ fitness
31.0101	Parks, Recreation, and Leisure Studies	Other	Non-S&E fields nec	Parks/ sports/ recreation/ leisure/ fitness
31.0301	Parks, Recreation, and Leisure Facilities Management, General	Other	Non-S&E fields nec	Parks/ sports/ recreation/ leisure/ fitness
31.0302	Golf Course Operation and Grounds Management	Other	Non-S&E fields nec	Parks/ sports/ recreation/ leisure/ fitness
31.0399	Parks, Recreation, and Leisure Facilities Management, Other	Other	Non-S&E fields nec	Parks/ sports/ recreation/ leisure/ fitness
31.0504	Sport and Fitness Administration/ Management	Other	Non-S&E fields nec	Parks/ sports/ recreation/ leisure/ fitness
31.0507	Physical Fitness Technician	Other	Non-S&E fields nec	Parks/ sports/ recreation/ leisure/ fitness
31.0508	Sports Studies	Other	Non-S&E fields nec	Parks/ sports/ recreation/ leisure/ fitness
31.0601	Outdoor Education	Other	Non-S&E fields nec	Parks/ sports/ recreation/ leisure/ fitness
01.0899	Agricultural Public Services, Other	Other	Non-S&E fields nec	Public administration
43.0202	Fire Services Administration	Other	Non-S&E fields nec	Public administration
44.0201	Community Organization and Advocacy	Other	Non-S&E fields nec	Public administration
44.0401	Public Administration	Other	Non-S&E fields nec	Public administration
44.0402	Public Works Management	Other	Non-S&E fields nec	Public administration
44.0403	Transportation and Infrastructure Planning/ Studies	Other	Non-S&E fields nec	Public administration
44.0499	Public Administration, Other	Other	Non-S&E fields nec	Public administration
44.9999	Public Administration and Social Service Professions, Other	Other	Non-S&E fields nec	Public administration
44.9999b	Public Administration and Policy	Other	Non-S&E fields nec	Public administration
44.0000	Human Services, General	Other	Non-S&E fields nec	Social work
44.0701	Social Work	Other	Non-S&E fields nec	Social work
44.0702	Youth Services/ Administration	Other	Non-S&E fields nec	Social work
44.0703	Forensic Social Work	Other	Non-S&E fields nec	Social work
44.0799	Social Work, Other	Other	Non-S&E fields nec	Social work
51.1503	Clinical/ Medical Social Work	Other	Non-S&E fields nec	Social work
01.0504	Dog/ Pet/ Animal Grooming	Other	Non-S&E fields nec	Other fields nec
01.0508	Taxidermy/ Taxidermist	Other	Non-S&E fields nec	Other fields nec
11.0601	Data Entry/ Microcomputer Applications, General	Other	Non-S&E fields nec	Other fields nec
11.0602	Word Processing	Other	Non-S&E fields nec	Other fields nec
11.0699	Data Entry/ Microcomputer Applications, Other	Other	Non-S&E fields nec	Other fields nec
24.0101	Liberal Arts and Sciences/ Liberal Studies	Other	Non-S&E fields nec	Other fields nec
24.0102	General Studies	Other	Non-S&E fields nec	Other fields nec

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Doctoral SED-CIP code crosswalk to historical broad, major, and fine fields: 2022

(Field)

SED-CIP code	SED-CIP title	Historical broad field	Historical major field	Historical fine field
24.0199	Liberal Arts and Sciences, General Studies and Humanities, Other	Other	Non-S&E fields nec	Other fields nec
29.0204	Command & Control (C3, C4I) Systems and Operations (MILITARY)	Other	Non-S&E fields nec	Other fields nec
29.0307	Undersea Warfare (MILITARY)	Other	Non-S&E fields nec	Other fields nec
29.0399	Military Applied Sciences, Other	Other	Non-S&E fields nec	Other fields nec
29.0405	Joint Command/ Task Force (C3, C4I) Systems (MILITARY)	Other	Non-S&E fields nec	Other fields nec
29.0499	Military Systems and Maintenance Technology, Other	Other	Non-S&E fields nec	Other fields nec
29.0601	Military Technology and Applied Sciences Management	Other	Non-S&E fields nec	Other fields nec
29.9999	Military Technologies and Applied Sciences, Other	Other	Non-S&E fields nec	Other fields nec
30.0000	Multi-/ Interdisciplinary Studies, General	Other	Non-S&E fields nec	Other fields nec
30.0001	Comprehensive Transition and Postsecondary (CTP) Program	Other	Non-S&E fields nec	Other fields nec
30.0601	Systems Science and Theory	Other	Non-S&E fields nec	Other fields nec
30.9999	Multi-/ Interdisciplinary Studies, Other	Other	Non-S&E fields nec	Other fields nec
30.9999f	Interdisciplinary Leadership/Leadership Studies	Other	Non-S&E fields nec	Other fields nec
30.9999z	Multi-/ Interdisciplinary Sciences, Other	Other	Non-S&E fields nec	Other fields nec

CIP = Classification of Instructional Programs; nec = not elsewhere classified; S&E = science and engineering; SED = Survey of Earned Doctorates; STEM = science, technology, engineering, and mathematics.

Note(s):
Beginning in 2021, a modified version of the 2020 Classification of Instructional Programs (CIP) codes was used in the survey data collection; the historical fields were constructed using the SED-CIP code crosswalk in table A-6. Therefore, the field of doctorate data prior to 2021 may not be comparable to subsequent years. See table A-4 for a summary of SED-CIP codes in the new SED field taxonomy and table A-5 for the full list of SED-CIP codes in the new field taxonomy. For more information, see "Technical Notes" and the SED 2021 Taxonomy Changes Working Paper (available at https://ncses.nsf.gov/pubs/ncses23200).

Source(s):
National Center for Science and Engineering Statistics, Survey of Earned Doctorates.

Table B-1

SED data table crosswalk: 2020 vs. 2021−22

(Crosswalk)

2020	2021−22	Current table title
Trends in research doctorate recipient characteristics		
Table 1	Table 1-1	Research doctorate recipients from U.S. colleges and universities: 1958−2022
Table 11	Table 1-2	Research doctorate recipients, by historical broad field of doctorate and 2018 Carnegie Classification of doctorate institution: 2012−22
Table 12	Table 1-3	Research doctorate recipients, by historical major field of doctorate: Selected years, 1992−2022
Table 14	Table 1-4	Research doctorate recipients, by historical broad field of doctorate and sex: Selected years, 1992−2022
Table 15	Table 1-5	Research doctorate recipients, by historical major field of doctorate and sex: 2012−22
Table 17	Table 1-6	Research doctorate recipients, by historical broad field of doctorate and citizenship status: Selected years, 1977−2022
Table 18	Table 1-7	Research doctorate recipients, by historical major field of doctorate and citizenship status: 2012−22
Table 19	Table 1-8	Research doctorate recipients, by ethnicity, race, and citizenship status: 2012−22
Table 20	Table 1-9	Male research doctorate recipients, by ethnicity, race, and citizenship status: 2012−22
Table 21	Table 1-10	Female research doctorate recipients, by ethnicity, race, and citizenship status: 2012−22
Table 23	Table 1-11	U.S. citizen and permanent resident research doctorate recipients, by historical broad field of doctorate, ethnicity, and race: Selected years, 1977−2022
Table 31	Table 1-12	Median years to research doctorate, by historical major field of doctorate: Selected years, 1972−2022
Table 39	Table 1-13	Education-related debt of research doctorate recipients, by historical broad field of doctorate: 2012−22
Table 34	Table 1-14	Highest educational attainment of either parent of research doctorate recipients: 1970−2022
Trends in postgraduation commitments of research doctorate recipients		
Table 42	Table 2-1	Postgraduation commitment of research doctorate recipients, by historical broad field of doctorate: Selected years, 1993−2022
Table 43	Table 2-2	Postgraduation commitment of research doctorate recipients, by sex, citizenship status, ethnicity, and race: Selected years, 1993−2022
Table 44	Table 2-3	Postgraduation plans of research doctorate recipients with definite commitments, by historical broad field of doctorate: Selected years, 1993−2022
Table 45	Table 2-4	Postgraduation plans of research doctorate recipients with definite commitments, by sex, citizenship status, ethnicity, and race: Selected years, 1993−2022
Table 50	Table 2-5	Sources of support for research doctorate recipients with postdoctoral training commitments, by sex, citizenship status, ethnicity, and race: Selected years, 1993−2022
Table 46	Table 2-6	Employment sector of research doctorate recipients with definite postgraduation commitments for employment in the United States, by historical broad field of doctorate: Selected years, 1992−2022
Table 47	Table 2-7	Employment sector of research doctorate recipients with definite postgraduation commitments for employment in the United States, by sex, citizenship status, ethnicity, and race: Selected years, 1992−2022
Table 53	Table 2-8	Research doctorate recipients with temporary visas intending to stay in the United States after doctorate receipt, by country or economy of citizenship: 2015−22
Field and demographic characteristics of research doctorate recipients		
Table 13	Table 3-1	Research doctorate recipients, by detailed field of doctorate: 2022
Table 16	Table 3-2	Research doctorate recipients, by detailed field of doctorate and sex: 2022
Table 22	Table 3-3	Research doctorate recipients, by detailed field of doctorate, citizenship status, ethnicity, and race: 2022
Table 24	Table 3-4	U.S. citizen and permanent resident research doctorate recipients, by major field of doctorate, ethnicity, and race: 2022
Table 32	Table 3-5	Median years to science and engineering research doctorate, by sex, citizenship status, ethnicity, race, and broad field of doctorate: 2022
Table 32	Table 3-6	Median years to non-science and engineering research doctorate, by sex, citizenship status, ethnicity, race, and broad field of doctorate: 2022
Table 27	Table 3-7	Median age and age distribution of research doctorate recipients, by broad field of doctorate, sex, citizenship status, ethnicity, and race: 2022
Financial support and education-related debt of research doctorate recipients		
Table 35	Table 4-1	Research doctorate recipients' primary source of financial support, by broad field of doctorate, sex, citizenship status, ethnicity, and race: 2022
Table 36	Table 4-2	Research doctorate recipients' sources of financial support, by broad field of doctorate and sex: 2022
Table 37	Table 4-3	Research doctorate recipients' sources of financial support, by sex and broad field of doctorate: 2022
Table 38	Table 4-4	Education-related debt of research doctorate recipients, by broad field of doctorate: 2022

Table B-1

SED data table crosswalk: 2020 vs. 2021−22

(Crosswalk)

2020	2021−22	Current table title
Table 40	Table 4-5	Education-related debt of research doctorate recipients, by sex, citizenship status, ethnicity, and race: 2022
Table 41	Table 4-6	U.S. citizen and permanent resident research doctorate recipients with graduate education-related debt, by ethnicity, race, and broad field of doctorate: 2022
Educational and background characteristics of research doctorate recipients		
Table 30	Table 5-1	Research doctorate recipients who attended community college, by sex, citizenship status, ethnicity, race, and broad field of doctorate: 2022
New	Table 5-2	Research doctorate recipients who earned a bachelor's degree related to doctorate, by sex, citizenship status, ethnicity, race, and broad field of doctorate: 2022
Table 29	Table 5-3	Research doctorate recipients who earned a master's degree related to doctorate, by sex, citizenship status, ethnicity, race, and broad field of doctorate: 2022
New	Table 5-4	Baccalaureate-origin institution characteristics of research doctorate recipients, by broad field of doctorate: 2022
Table 33	Table 5-5	Educational attainment of research doctorate recipients' parents, by sex, citizenship status, ethnicity, race, and broad field of doctorate: 2022
Table 28	Table 5-6	Research doctorate recipients reporting one or more functional limitations, by broad field of doctorate, sex, and citizenship status: 2022
Postgraduation commitments and salaries of research doctorate recipients		
Table 51	Table 6-1	Research doctorate recipients with definite postgraduation commitments, by major field of doctorate: 2022
Table 51	Table 6-2	U.S. citizen and permanent resident research doctorate recipients with definite postgraduation commitments, by major field of doctorate: 2022
Table 51	Table 6-3	Temporary visa holding research doctorate recipients with definite postgraduation commitments, by major field of doctorate: 2022
Table 52	Table 6-4	Female research doctorate recipients with definite postgraduation commitments, by major field of doctorate: 2022
Table 52	Table 6-5	Male research doctorate recipients with definite postgraduation commitments, by major field of doctorate: 2022
Table 48	Table 6-6	Median basic annual salary for research doctorate recipients with definite postgraduation plans in the United States, by broad field of doctorate, type of postgraduation plans, and sex: 2022
Table 49	Table 6-7	Median basic annual salary for research doctorate recipients with definite postgraduation plans for employment in the United States, by broad field of doctorate and employment sector: 2022
Doctorate institutions, locations, and countries of origins of research doctorate recipients		
Table 2	Table 7-1	Doctorate-granting institutions and research doctorate recipients per institution: 1973−2022
Table 3	Table 7-2	Top 50 doctorate-granting institutions ranked by total number of research doctorate recipients, by sex: 2022
Table 4	Table 7-3	Top 20 doctorate-granting institutions ranked by total number of research doctorate recipients, by broad field of doctorate and sex: 2022
Table 9	Table 7-4	Top 20 doctorate-granting institutions ranked by number of minority U.S. citizen and permanent resident research doctorate recipients, by ethnicity and race: 5-year total, 2017−22
Table 10	Table 7-5	Top 20 doctorate-granting institutions, ranked by number of research doctorate recipients holding temporary visas: 2022
Table 5	Table 7-6	State or location of doctorate institution ranked by total number of research doctorate recipients, by field of doctorate and sex: 2022
Table 26	Table 7-7	Top 10 countries or economies of origin of temporary visa holders earning U.S. research doctorates, by country or economy of citizenship and field of doctorate: 2012−22
Table 25	Table 7-8	Top 40 countries or economies of origin of temporary visa holders earning U.S. research doctorates, by number of doctorate recipients: 2022
New	Table 7-9	Top 20 baccalaureate-origin institutions ranked by 2018 Carnegie Classification category and total number of research doctorate recipients, by field of doctorate: 2022
Table 6	Table 7-10	Research doctorate recipients, by state or location of doctorate institution and broad field of doctorate: 2022
Statistical profiles of research doctorate recipients		
Table 54	Table 8-1	Science and engineering research doctorate recipients, statistical profile by sex and broad field of doctorate: 2022
Table 54	Table 8-2	Non-science and engineering research doctorate recipients, statistical profile by sex and broad field of doctorate: 2022
Table 56	Table 8-3	Agricultural sciences and natural resources research doctorate recipients, statistical profile by sex and major field of doctorate: 2022
Table 56	Table 8-4	Biological and biomedical sciences research doctorate recipients, statistical profile by sex and major field of doctorate: 2022
Table 60	Table 8-5	Computer and information sciences research doctorate recipients, statistical profile by sex and major field of doctorate: 2022
Table 64	Table 8-6	Engineering research doctorate recipients, statistical profile by sex and major field of doctorate: 2022
Table 58	Table 8-7	Geosciences, atmospheric, and ocean sciences research doctorate recipients, statistical profile by sex and major field of doctorate: 2022
Table 56	Table 8-8	Health sciences research doctorate recipients, statistical profile by sex and major field of doctorate: 2022

Table B-1

SED data table crosswalk: 2020 vs. 2021−22

(Crosswalk)

2020	2021−22	Current table title
Table 60	Table 8-9	Mathematics and statistics research doctorate recipients, statistical profile by sex and major field of doctorate: 2022
New	Table 8-10	Multidisciplinary/ interdisciplinary sciences research doctorate recipients, statistical profile by sex and major field of doctorate: 2022
Table 58	Table 8-11	Physical sciences research doctorate recipients, statistical profile by sex and major field of doctorate: 2022
Table 62	Table 8-12	Psychology research doctorate recipients, statistical profile by sex and major field of doctorate: 2022
Table 63	Table 8-13	Social sciences research doctorate recipients, statistical profile by sex and major field of doctorate: 2022
Table 66	Table 8-14	Education research doctorate recipients, statistical profile by sex and major field of doctorate: 2022
Table 68	Table 8-15	Humanities research doctorate recipients, statistical profile by sex and major field of doctorate: 2022
Table 70	Table 8-16	Business research doctorate recipients, statistical profile by sex and major field of doctorate: 2022
Table 70	Table 8-17	Visual and performing arts research doctorate recipients, statistical profile by sex and major field of doctorate: 2022
Table 70	Table 8-18	Other non-science and engineering research doctorate recipients, statistical profile by sex and major field of doctorate: 2022
Table 72	Table 8-19	Statistical profile of research doctorate recipients, by ethnicity, race, and citizenship status: 2022
Postgraduation plans of research doctorate recipients		
Table 55	Table 9-1	Science and engineering research doctorate recipients, postgraduation plans by sex and broad field of doctorate: 2022
Table 55	Table 9-2	Non-science and engineering research doctorate recipients, postgraduation plans by sex and broad field of doctorate: 2022
Table 57	Table 9-3	Agricultural sciences and natural resources research doctorate recipients, postgraduation plans by sex and major field of doctorate: 2022
Table 57	Table 9-4	Biological and biomedical sciences research doctorate recipients, postgraduation plans by sex and major field of doctorate: 2022
Table 61	Table 9-5	Computer and information sciences research doctorate recipients, postgraduation plans by sex and major field of doctorate: 2022
Table 65	Table 9-6	Engineering research doctorate recipients, postgraduation plans by sex and major field of doctorate: 2022
Table 59	Table 9-7	Geosciences, atmospheric, and ocean sciences research doctorate recipients, postgraduation plans by sex and major field of doctorate: 2022
Table 57	Table 9-8	Health sciences research doctorate recipients, postgraduation plans by sex and major field of doctorate: 2022
Table 61	Table 9-9	Mathematics and statistics research doctorate recipients, postgraduation plans by sex and major field of doctorate: 2022
New	Table 9-10	Multidisciplinary/ interdisciplinary sciences research doctorate recipients, postgraduation plans by sex and major field of doctorate: 2022
Table 59	Table 9-11	Physical sciences research doctorate recipients, postgraduation plans by sex and major field of doctorate: 2022
Table 62	Table 9-12	Psychology research doctorate recipients, postgraduation plans by sex and major field of doctorate: 2022
Table 63	Table 9-13	Social sciences research doctorate recipients, postgraduation plans by sex and major field of doctorate: 2022
Table 67	Table 9-14	Education research doctorate recipients, postgraduation plans by sex and major field of doctorate: 2022
Table 69	Table 9-15	Humanities research doctorate recipients, postgraduation plans by sex and major field of doctorate: 2022
Table 71	Table 9-16	Business research doctorate recipients, postgraduation plans by sex and major field of doctorate: 2022
Table 71	Table 9-17	Visual and performing arts research doctorate recipients, postgraduation plans by sex and major field of doctorate: 2022
Table 71	Table 9-18	Other non-science and engineering research doctorate recipients, postgraduation plans by sex and major field of doctorate: 2022
Table 72	Table 9-19	Postgraduation plans of research doctorate recipients, by ethnicity, race, and citizenship status: 2022
Technical tables		
Table A-2	Table A-1	Research doctoral degrees included in the Survey of Earned Doctorates: 2018−22
Table A-3	Table A-2	Survey response rates: 1970−2022
Table A-4	Table A-3	Item response rates: 2012−22
Table A-6	Table A-4	SED field of doctorate taxonomy, by SED-CIP series/ codes: 2022
New	Table A-5	Doctoral SED-CIP codes in new broad, major, and detailed fields: 2022

Table B-1

SED data table crosswalk: 2020 vs. 2021−22

(Crosswalk)

2020	2021−22	Current table title
New	Table A-6	Doctoral SED-CIP code crosswalk to historical broad, major and fine fields: 2022
New	Table B-1	SED data table crosswalk: 2020 vs. 2021 and 2022
New	Table B-2	Crosswalk of historical broad fields and their constituent fields in the SED data tables and the summary report

CIP = Classification of Instructional Programs; SED = Survey of Earned Doctorates.

Note(s):
Beginning in 2021, a modified version of the 2020 Classification of Instructional Programs (CIP) codes was used in the survey data collection. The new broad, major, and detailed fields were used in tables reporting data from 2021 to the present, and the historical broad and major fields were used in the tables reporting multiple data years. As a result, the data tables were reorganized and renumbered in 2021 and the field of doctorate data may not be comparable to subsequent years.

Source(s):
National Center for Science and Engineering Statistics, Survey of Earned Doctorates.

Table B-2

Crosswalk of historical broad fields and their constituent fields in the SED data tables and the summary report

(Crosswalk)

Historical field aggregations in the data tables	Trend field aggregations in the summary report
Science and engineering	Science and engineering
Life sciences	Not applicable
Agricultural sciences and natural resources	Agricultural sciences and natural resources
Agricultural sciences	Agricultural sciences
Agricultural and horticultural plant breeding	Agricultural and horticultural plant breeding
Agricultural economics	Agricultural economics
Agronomy and crop science	Agronomy and crop science
Animal nutrition	Animal nutrition
Animal science, poultry or avian	Animal science, poultry or avian
Animal sciences, other	Animal sciences, other
Food science	Food science
Food science and technology, other	Food science and technology, other
Horticulture science	Horticulture science
Plant pathology/ phytopathology (agricultural sciences)	Plant pathology/ phytopathology (agricultural sciences)
Plant sciences, other	Plant sciences, other
Soil chemistry/ microbiology	Soil chemistry/ microbiology
Soil sciences, other	Soil sciences, other
Natural resources and conservation	Natural resources and conservation
Environmental science	Environmental science
Fishing and fisheries sciences/ management	Fishing and fisheries sciences/ management
Forest sciences and biology	Forest sciences and biology
Forest/ forest resources management	Forest/ forest resources management
Forestry, other	Forestry, other
Natural resource/ environmental policy	Natural resource/ environmental policy
Natural resources/ conservation	Natural resources/ conservation
Natural resources/ environmental economics (agricultural sciences)	Natural resources/ environmental economics (agricultural sciences)
Wildlife/ range management	Wildlife/ range management
Agricultural sciences/ natural resources, general	Agricultural sciences/ natural resources, general
Agricultural sciences/ natural resources, other	Agricultural sciences/ natural resources, other
Biological and biomedical sciences	Biological and biomedical sciences
Anatomy	Anatomy
Bacteriology	Bacteriology
Biochemistry (biological sciences)	Biochemistry (biological sciences)
Bioinformatics	Bioinformatics
Biomedical sciences	Biomedical sciences
Biometrics and biostatistics	Biometrics and biostatistics
Biophysics (biological sciences)	Biophysics (biological sciences)
Biotechnology	Biotechnology
Botany/ plant biology	Botany/ plant biology
Cancer biology	Cancer biology
Cell/ cellular biology and histology	Cell/ cellular biology and histology
Computational biology	Computational biology
Developmental biology/ embryology	Developmental biology/ embryology
Ecology	Ecology
Endocrinology	Endocrinology
Entomology	Entomology
Environmental toxicology	Environmental toxicology
Epidemiology	Epidemiology
Evolutionary biology	Evolutionary biology
Genetics/ genomics, human and animal	Genetics/ genomics, human and animal

Table B-2

Crosswalk of historical broad fields and their constituent fields in the SED data tables and the summary report

(Crosswalk)

Historical field aggregations in the data tables	Trend field aggregations in the summary report
Immunology	Immunology
Microbiology	Microbiology
Molecular biology	Molecular biology
Molecular medicine	Molecular medicine
Neurosciences and neurobiology	Neurosciences and neurobiology
Nutrition sciences	Nutrition sciences
Parasitology	Parasitology
Pathology, human and animal	Pathology, human and animal
Pharmacology, human and animal	Pharmacology, human and animal
Physiology, human and animal	Physiology, human and animal
Plant genetics	Plant genetics
Plant pathology and phytopathology (biological sciences)	Plant pathology and phytopathology (biological sciences)
Plant physiology	Plant physiology
Structural biology	Structural biology
Toxicology	Toxicology
Virology	Virology
Wildlife biology	Wildlife biology
Zoology	Zoology
Biological/ biomedical sciences, general	Biological/ biomedical sciences, general
Biological/ biomedical sciences, other	Biological/ biomedical sciences, other
Health sciences	Health sciences
Environmental health	Environmental health
Gerontology (health sciences)	Gerontology (health sciences)
Health and behavior	Health and behavior
Health services research	Health services research
Health systems administration	Health systems administration
Kinesiology/ exercise science	Kinesiology/ exercise science
Medical physics/ radiological science	Medical physics/ radiological science
Nursing science	Nursing science
Oral biology/ oral pathology	Oral biology/ oral pathology
Pharmaceutical sciences	Pharmaceutical sciences
Public health	Public health
Rehabilitation/ therapeutic services	Rehabilitation/ therapeutic services
Speech-language pathology and audiology	Speech-language pathology and audiology
Veterinary sciences	Veterinary sciences
Health sciences, general	Health sciences, general
Health sciences, other	Health sciences, other
Mathematics and computer sciences	Not applicable
Computer and information sciences	Computer and information sciences
Computer science	Computer science
Information science and systems	Information science and systems
Computer and information sciences, general	Computer and information sciences, general
Computer and information sciences, other	Computer and information sciences, other
Mathematics and statistics	Mathematics and statistics
Algebra	Algebra
Analysis and functional analysis	Analysis and functional analysis
Applied mathematics	Applied mathematics
Computational mathematics	Computational mathematics
Computing theory and practice	Computing theory and practice
Geometry/ geometric analysis	Geometry/ geometric analysis
Logic	Logic

Table B-2

Crosswalk of historical broad fields and their constituent fields in the SED data tables and the summary report

(Crosswalk)

Historical field aggregations in the data tables	Trend field aggregations in the summary report
Number theory	Number theory
Operations research (mathematics)	Operations research (mathematics)
Statistics (mathematics)	Statistics (mathematics)
Topology/ foundations	Topology/ foundations
Mathematics/ statistics, general	Mathematics/ statistics, general
Mathematics/ statistics, other	Mathematics/ statistics, other
Engineering	Engineering
Aerospace, aeronautical, and astronautical engineering	Aerospace, aeronautical, and astronautical engineering
Bioengineering and biomedical engineering	Bioengineering and biomedical engineering
Chemical engineering	Chemical engineering
Civil engineering	Civil engineering
Electrical, electronics, and communications engineering	Electrical, electronics, and communications engineering
Industrial and manufacturing engineering	Industrial and manufacturing engineering
Materials science engineering	Materials science engineering
Mechanical engineering	Mechanical engineering
Other engineering	Other engineering
Agricultural engineering	Agricultural engineering
Communications engineering	Communications engineering
Computer engineering	Computer engineering
Engineering management and administration	Engineering management and administration
Engineering mechanics	Engineering mechanics
Engineering physics	Engineering physics
Engineering science	Engineering science
Environmental/ environmental health engineering	Environmental/ environmental health engineering
Geotechnical and geoenvironmental engineering	Geotechnical and geoenvironmental engineering
Metallurgical engineering	Metallurgical engineering
Nuclear engineering	Nuclear engineering
Ocean engineering	Ocean engineering
Operations research (engineering)	Operations research (engineering)
Petroleum engineering	Petroleum engineering
Polymer and plastics engineering	Polymer and plastics engineering
Robotics	Robotics
Structural engineering	Structural engineering
Systems engineering	Systems engineering
Transportation and highway engineering	Transportation and highway engineering
Engineering, general	Engineering, general
Engineering, other	Engineering, other
Physical sciences and earth sciences	Not applicable
Physical sciences	Physical sciences
Astronomy and astrophysics	Astronomy and astrophysics
Astronomy	Astronomy
Astrophysics	Astrophysics
Astronomy and astrophysics, other	Astronomy and astrophysics, other
Chemistry	Chemistry
Analytical chemistry	Analytical chemistry
Chemical biology	Chemical biology
Inorganic chemistry	Inorganic chemistry
Medicinal chemistry	Medicinal chemistry
Organic chemistry	Organic chemistry
Physical chemistry	Physical chemistry
Polymer chemistry	Polymer chemistry

Table B-2

Crosswalk of historical broad fields and their constituent fields in the SED data tables and the summary report

(Crosswalk)

Historical field aggregations in the data tables	Trend field aggregations in the summary report
Theoretical chemistry	Theoretical chemistry
Chemistry, general	Chemistry, general
Chemistry, other	Chemistry, other
Physics	Physics
Acoustics	Acoustics
Applied physics	Applied physics
Atomic/ molecular/ chemical physics	Atomic/ molecular/ chemical physics
Biophysics (physics)	Biophysics (physics)
Condensed matter/ low-temperature physics	Condensed matter/ low-temperature physics
Elementary particle physics	Elementary particle physics
Nuclear physics	Nuclear physics
Optics and photonics	Optics and photonics
Plasma/ high-temperature physics	Plasma/ high-temperature physics
Polymer physics	Polymer physics
Physics, general	Physics, general
Physics, other	Physics, other
Geosciences, atmospheric sciences, and ocean sciences	Geosciences, atmospheric sciences, and ocean sciences
Atmospheric science and meteorology	Atmospheric science and meteorology
Atmospheric chemistry and climatology	Atmospheric chemistry and climatology
Atmospheric physics and dynamics	Atmospheric physics and dynamics
Meteorology	Meteorology
Atmospheric science/ meteorology, general	Atmospheric science/ meteorology, general
Atmospheric science/ meteorology, other	Atmospheric science/ meteorology, other
Geological sciences	Geological sciences
Geochemistry	Geochemistry
Geology	Geology
Geomorphology and glacial geology	Geomorphology and glacial geology
Geophysics and seismology	Geophysics and seismology
Mineralogy and petrology	Mineralogy and petrology
Paleontology	Paleontology
Stratigraphy and sedimentation	Stratigraphy and sedimentation
Geological and earth sciences, general	Geological and earth sciences, general
Geological and earth sciences, other	Geological and earth sciences, other
Ocean and marine sciences	Ocean and marine sciences
Hydrology and water resources	Hydrology and water resources
Marine biology and biological oceanography	Marine biology and biological oceanography
Marine sciences	Marine sciences
Oceanography, chemical and physical	Oceanography, chemical and physical
Ocean/ marine sciences, other	Ocean/ marine sciences, other
Psychology and social sciences	Not applicable
Psychology	Psychology
Behavioral analysis	Behavioral analysis
Clinical psychology	Clinical psychology
Cognitive neuroscience	Cognitive neuroscience
Cognitive psychology and psycholinguistics	Cognitive psychology and psycholinguistics
Community psychology	Community psychology
Counseling	Counseling
Developmental and child psychology	Developmental and child psychology
Educational psychology (psychology)	Educational psychology (psychology)
Experimental psychology	Experimental psychology
Family psychology	Family psychology

Table B-2

Crosswalk of historical broad fields and their constituent fields in the SED data tables and the summary report

(Crosswalk)

Historical field aggregations in the data tables	Trend field aggregations in the summary report
Health and medical psychology	Health and medical psychology
Human development and family studies	Human development and family studies
Industrial and organizational psychology	Industrial and organizational psychology
Marriage and family therapy/ counseling	Marriage and family therapy/ counseling
Neuropsychology/ physiological psychology	Neuropsychology/ physiological psychology
Personality psychology	Personality psychology
Psychometrics and quantitative psychology	Psychometrics and quantitative psychology
School psychology (psychology)	School psychology (psychology)
Social psychology	Social psychology
Psychology, general	Psychology, general
Psychology, other	Psychology, other
Social sciences	Social sciences
Anthropology	Anthropology
Anthropology, cultural	Anthropology, cultural
Anthropology, general	Anthropology, general
Anthropology, physical and biological	Anthropology, physical and biological
Economics	Economics
Econometrics	Econometrics
Natural resources/ environmental economics (social sciences)	Natural resources/ environmental economics (social sciences)
Other economics	Other economics
Political science and government	Political science and government
Sociology	Sociology
Other social sciences	Other social sciences
American/ U.S. studies	American/ U.S. studies
Applied linguistics	Applied linguistics
Archaeology (social sciences)	Archaeology (social sciences)
Area/ ethnic/ cultural studies	Area/ ethnic/ cultural studies
Criminal justice and corrections	Criminal justice and corrections
Criminology	Criminology
Demography/ population studies	Demography/ population studies
Gender and women's studies	Gender and women's studies
Geography	Geography
Gerontology (social sciences)	Gerontology (social sciences)
Health policy analysis	Health policy analysis
History, science and technology and society	History, science and technology and society
International relations/ affairs	International relations/ affairs
Linguistics	Linguistics
Public policy analysis	Public policy analysis
Statistics (social sciences)	Statistics (social sciences)
Urban studies/ affairs	Urban studies/ affairs
Urban, city, community and regional planning	Urban, city, community and regional planning
Social sciences, general	Social sciences, general
Social sciences, other	Social sciences, other
Non-science and engineering	Non-science and engineering
Education	Education
Education administration	Education administration
Educational administration and supervision	Educational administration and supervision
Educational and human resource studies/ development	Educational and human resource studies/ development
Educational leadership	Educational leadership
Urban education and leadership	Urban education and leadership
Education research	Education research

Table B-2

Crosswalk of historical broad fields and their constituent fields in the SED data tables and the summary report

(Crosswalk)

Historical field aggregations in the data tables	Trend field aggregations in the summary report
Counseling education/ counseling and guidance	Counseling education/ counseling and guidance
Curriculum and instruction	Curriculum and instruction
Educational assessment/ testing/ measurement	Educational assessment/ testing/ measurement
Educational policy analysis	Educational policy analysis
Educational psychology (education)	Educational psychology (education)
Educational statistics/ research methods	Educational statistics/ research methods
Educational/ instructional media design	Educational/ instructional media design
Educational/ instructional technology	Educational/ instructional technology
Higher education evaluation and research	Higher education evaluation and research
International education	International education
Learning sciences	Learning sciences
School psychology (education)	School psychology (education)
Social/ philosophical foundations of education	Social/ philosophical foundations of education
Special education	Special education
Teacher education	Teacher education
Adult and continuing teacher education	Adult and continuing teacher education
Elementary teacher education	Elementary teacher education
Pre-elementary/ early childhood teacher education	Pre-elementary/ early childhood teacher education
Secondary teacher education	Secondary teacher education
Teaching fields	Teaching fields
Agricultural education	Agricultural education
Art education	Art education
Bilingual and multilingual education	Bilingual and multilingual education
English as a second or foreign language	English as a second or foreign language
English education	English education
Family and consumer/ human science education	Family and consumer/ human science education
Foreign languages education	Foreign languages education
Health education	Health education
Literacy and reading education	Literacy and reading education
Mathematics education	Mathematics education
Music education	Music education
Nursing education	Nursing education
Physical education and coaching	Physical education and coaching
Science education	Science education
Social science education	Social science education
Teacher education and professional development, other	Teacher education and professional development, other
Other education	Other education
Workforce education and development	Workforce education and development
Education, general	Education, general
Education, other	Education, other
Humanities and arts	Humanities and arts
Foreign languages and literature	Foreign languages and literature
Arabic language and literature	Arabic language and literature
Chinese language and literature	Chinese language and literature
French language and literature	French language and literature
Germanic language and literature	Germanic language and literature
Italian language and literature	Italian language and literature
Japanese language and literature	Japanese language and literature
Latin American languages and literature	Latin American languages and literature
Russian language and literature	Russian language and literature
Spanish language and literature	Spanish language and literature

Table B-2

Crosswalk of historical broad fields and their constituent fields in the SED data tables and the summary report

(Crosswalk)

Historical field aggregations in the data tables	Trend field aggregations in the summary report
Foreign languages and literatures, other	Foreign languages and literatures, other
History	History
African history	African history
American history (U.S. and Canada)	American history (U.S. and Canada)
Asian history	Asian history
European history	European history
Latin American history	Latin American history
Middle/ Near East history	Middle/ Near East history
History, general	History, general
History, other	History, other
Letters	Letters
American literature (U.S. and Canada)	American literature (U.S. and Canada)
Classics	Classics
Comparative literature	Comparative literature
Creative writing	Creative writing
English language	English language
English literature (British and Commonwealth)	English literature (British and Commonwealth)
Rhetoric and composition	Rhetoric and composition
Speech and rhetorical studies	Speech and rhetorical studies
Letters, general	Letters, general
Letters, other	Letters, other
Other humanities and arts	Other humanities and arts
African American studies/ literature/ history	African American studies/ literature/ history
Archaeology (humanities)	Archaeology (humanities)
Art history/ criticism/ conservation	Art history/ criticism/ conservation
Bible/ biblical studies	Bible/ biblical studies
Dance	Dance
Drama/ theater arts/ performance studies	Drama/ theater arts/ performance studies
Ethics	Ethics
Film/ cinema/ media studies	Film/ cinema/ media studies
Jewish/ Judaic studies	Jewish/ Judaic studies
Music	Music
Music performance	Music performance
Music theory and composition	Music theory and composition
Music, other	Music, other
Musicology/ ethnomusicology	Musicology/ ethnomusicology
Philosophy	Philosophy
Religion/ religious studies	Religion/ religious studies
Theology/ religious education	Theology/ religious education
Humanities, general	Humanities, general
Humanities, other	Humanities, other
Other non-science and engineering	Not applicable
Business management and administration	Business
Accounting	Accounting
Business administration and management	Business administration and management
Business/ managerial economics	Business/ managerial economics
Finance	Finance
Hospitality, food service and tourism management	Hospitality, food service and tourism management
Human resources development	Human resources development
International business/ trade/ commerce	International business/ trade/ commerce
Management information systems/ business statistics	Management information systems/ business statistics

Table B-2

Crosswalk of historical broad fields and their constituent fields in the SED data tables and the summary report

(Crosswalk)

Historical field aggregations in the data tables	Trend field aggregations in the summary report
Marketing management and research	Marketing management and research
Operations research (business)	Operations research (business)
Organizational behavior	Organizational behavior
Business management/ administration, general	Business management/ administration, general
Business management/ administration, other	Business management/ administration, other
Not applicable	Other non-science and engineering
Communication	Communication
Communication research	Communication research
Communication theory	Communication theory
Film, radio, TV and digital communication	Film, radio, TV and digital communication
Mass communication/ media studies	Mass communication/ media studies
Communication, general	Communication, general
Communication, other	Communication, other
Non-science and engineering fields nec	Non-science and engineering fields nec
Architecture/ environmental design	Architecture/ environmental design
Family/ consumer sciences/ human sciences	Family/ consumer sciences/ human sciences
Law	Law
Library science	Library science
Parks/ sports/ recreation/ leisure/ fitness	Parks/ sports/ recreation/ leisure/ fitness
Public administration	Public administration
Social work	Social work
Other fields nec	Other fields nec

nec = not elsewhere classified; SED = Survey of Earned Doctorates.

Note(s):
Beginning in 2021, a modified version of the 2020 Classification of Instructional Programs (CIP) codes was used in the survey data collection; the historical fields were constructed using the SED-CIP code crosswalk in table A-6. The trend data at the broad field level are comparable across the years but may be less so at the detailed field level. For more information, see the "Technical Notes" and the SED 2021 Taxonomy Changes Working Paper (available at https://ncses.nsf.gov/pubs/ncses23200). The data tables that present trend data use 5 broad science and engineering (S&E) fields: life sciences; mathematics and computer sciences; engineering, physical sciences and earth sciences; psychology and social sciences; and 3 broad non-S&E fields: education, humanities; and other non-science and engineering. The trend data presented in the summary report use 10 broad S&E fields: agricultural sciences and natural resources; biological and biomedical sciences; computer and information sciences; engineering; geosciences, atmospheric sciences, and ocean sciences; health sciences; mathematics and statistics; physical sciences; psychology; social sciences; and the non-S&E field total, or 4 broad non-S&E fields: business, education, humanities and arts; and other non-S&E fields.

Source(s):
National Center for Science and Engineering Statistics, Survey of Earned Doctorates.