

## Choosing CIP Codes

The National Center for Education Statistics (NCES) of the U.S. Department of Education creates and maintains Classification of Instructional Programs (CIP) codes. CIP codes are 6-digit numbers associated with fields of study that serve as a taxonomic system that helps track and report fields of study and program completions. They also help the government and public understand what a program of study includes. CIP codes are also used by the Department of Homeland Security (DHS) to track international students in the United States. The DHS also uses CIP codes to determine how long international students can stay in the country after graduation for [Optional Practical Training](#) (OPT).

The first two numbers of a CIP code represent the overarching classification, but the full 6-digit code explains the instructional content defined for programs in that group. It is important to identify the most appropriate CIP code fit for programs and courses so that data about the program and processes related to the program are represented correctly internally and externally. It is also important to note that CIP codes (at the two-digit level) assigned to courses have a direct impact on state funding.

### Course CIPs

In general, course CIP codes should accurately reflect the program of which the course is a part. The UNC System Funding Model groups instruction into 37 instructional areas (i.e., 2-digit CIP codes) based on the relative cost of instruction at the discipline level with additional funding provided for STEM and health profession SCHs, as well as additional funding for some programs at the graduate level. (Note, however, that a different funding formula is used for the School of Medicine and the School of Dentistry. These schools are funded based on student FTE rather than student credit hours.) Student credit hours generated by in-state students are assigned a dollar value and year-over-year changes in SCHs form the base for state allocations. The instructional areas (CIP codes) and their associated dollar values are displayed in the table below.

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Course CIP Code	\$ per SCH		
	100%	150%	250%
1 AGRICULTURE	\$ 392	\$ 588	\$ 980
3 NATURAL RESOURCES	\$ 414	\$ 621	\$ 1,035
4 ARCHITECTURE	\$ 476		
5 CULTURAL & GENDER STUDIES	\$ 307		
9 COMMUNICATION	\$ 300		
11 COMPUTER SCIENCE	\$ 386	\$ 579	\$ 965
13 EDUCATION	\$ 417		
14 ENGINEERING	\$ 747	\$ 1,120	\$ 1,867
15 ENGINEERING TECHNOLOGY	\$ 369	\$ 554	\$ 923
16 FOREIGN LANGUAGES	\$ 337		
19 CONSUMER SCIENCES	\$ 306		
22 LEGAL PROFESSIONS	\$ 642		
23 ENGLISH	\$ 305		
24 LIBERAL ARTS	\$ 354		
25 LIBRARY SCIENCE	\$ 423		
26 BIOLOGY	\$ 371	\$ 557	\$ 928
27 MATHEMATICS	\$ 269	\$ 404	\$ 673
28 MILITARY SCIENCE	\$ 354		
29 MILITARY TECHNOLOGY	\$ 354	\$ 531	\$ 885
30 INTERDISCIPLINARY STUDIES	\$ 430		
31 PARKS & RECREATION	\$ 285		
32 BASIC SKILLS	\$ 285		
36 RECREATIONAL ACTIVITIES	\$ 285		
37 PERSONAL AWARENESS	\$ 285		
38 PHILOSOPHY	\$ 301		
40 PHYSICAL SCIENCES	\$ 395	\$ 593	\$ 988
42 PSYCHOLOGY	\$ 310		
43 LAW ENFORCEMENT	\$ 282		
44 PUBLIC ADMINISTRATION	\$ 471		
45 SOCIAL SCIENCES	\$ 314		
49 TRANSPORTATION			
50 VISUAL & PERFORMING ARTS	\$ 409		
51 HEALTH PROFESSIONS	\$ 426	\$ 639	\$ 1,065
51.38 NURSING	\$ 747	\$ 1,120	\$ 1,867
52 BUSINESS	\$ 340		
54 HISTORY	\$ 321		

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## **Faculty & CIP Codes**

Faculty credentialing is also tied to CIP codes. When faculty are first credentialed to teach a course, the CIP connected to their terminal degree is reconciled with the CIP code of the course. Justifications are required when the two CIP codes are not related. (See ECU's Faculty Credentialing Procedures.)

## **Program CIPs**

The UNC System Office has provided the following information about program CIP codes:

All degree programs are categorized individually in the University's Academic Program Inventory (API) at the six-digit CIP code level. The University of North Carolina uses the most recent edition of the Classification of Instructional Programs (CIP) to classify its programs in the API. The CIP classifies all post- secondary degree programs into major discipline divisions.

Discipline divisions are divided further into discipline specialties, which for the most part are represented by six-digit CIP codes. For example, the discipline division Engineering (14) consists of such discipline specialties as General Engineering (14.0101), Aerospace, Aeronautical and Astronautical Engineering (14.0201), Architectural Engineering (14.0401), Chemical Engineering (14.0701), and Civil Engineering (14.0801), etc.

In proposing a 6-digit CIP code for a new degree program, constituent institutions should ensure that the CIP fits the curriculum content. In cases where no single CIP encompasses the full breadth of a program, and similar programs exist within UNC, a CIP should be selected that is consistent with other existing programs. CIPs should align with the unit offering the degree; for example, a program in Science Education offered in a School of Education would carry an education CIP rather than a science content area CIP. Requests for CIP code changes that result in a move between Instructional Area funding categories will be closely scrutinized.

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## To Find CIP Codes

When planning a new program or seeking the definition of a CIP code, the best resource is the full list found on the National Center for Education Statistics (NCES) website:

<https://nces.ed.gov/ipeds/cipcode/default.aspx?y=56>

You can either browse a full listing of CIP codes (a numerical listing) or search CIP codes (type in search terms). Choose the option in the right menu of the NCES website.

The screenshot displays the NCES CIP website interface. At the top, there is a navigation bar with the NCES logo, a search box, and a 'Go' button. Below this, the main header includes 'CIP THE CLASSIFICATION OF INSTRUCTIONAL PROGRAMS', a 'CIP 2020' dropdown menu, and a 'Quick CIP' search box. A horizontal menu contains 'Search Options', 'FAQs', 'Resources', 'Help', 'Contact', and 'CIP Wizard'. A dropdown menu under 'Search Options' is open, showing 'Browse all CIP codes' (highlighted with a red arrow), 'Search CIP Codes', and 'View Crosswalk 2010-2020'. Below the menu, there is a paragraph of introductory text about the CIP system. The main content area is divided into two columns. The left column features a 'WHAT'S NEW AT CIP' section with three 'NEW RELEASE' items: 'CIP Website Training Video', 'Updated CIP FAQs', and '2020 CIP/SOC Crosswalk'. Below this is an 'Ask the CIP Specialist' section with a blog post titled 'Changing CIP Codes and the Use of "Other" Codes'. The right column is titled 'Search' and contains a search input field, 'Clear' and 'Search' buttons, and an 'Advanced Search' link. Below the search field are filters for 'Search within' (Title, Definition, Examples), '2-digit series' (All), 'CIP types' (2 digit CIP code, 4 digit CIP code, 6 digit CIP code), and 'Actions' (No substantive changes, New, Deleted, Moved from, Moved to).

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## Browse all CIP Codes

When you click on this option in the right menu, a list of all available classifications is provided. Click on the “+” sign next to the number to expand the listing to include specific classifications, or click on the classification name to be able to view definitions of groups.

The screenshot shows the IES NCES National Center for Education Statistics website. The header includes the logo and a 'MENU' button. Below the header, the text reads 'CIP | THE CLASSIFICATION OF INSTRUCTIONAL PROGRAMS' and 'CIP 2020' with a 'Change Year' dropdown menu. A navigation bar contains 'Search Options', 'FAQs', 'Resources', and 'Help'. The main content area is titled 'Browse CIP Codes' and contains a list of 27 CIP codes, each with a plus sign icon to its left. The codes are: 01) AGRICULTURAL/ANIMAL/PLANT/VETERINARY SCIENCE AND RELATED FIELDS.; 03) NATURAL RESOURCES AND CONSERVATION.; 04) ARCHITECTURE AND RELATED SERVICES.; 05) AREA, ETHNIC, CULTURAL, GENDER, AND GROUP STUDIES.; 09) COMMUNICATION, JOURNALISM, AND RELATED PROGRAMS.; 10) COMMUNICATIONS TECHNOLOGIES/TECHNICIANS AND SUPPORT SERVICES.; 11) COMPUTER AND INFORMATION SCIENCES AND SUPPORT SERVICES.; 12) CULINARY, ENTERTAINMENT, AND PERSONAL SERVICES.; 13) EDUCATION.; 14) ENGINEERING.; 15) ENGINEERING/ENGINEERING-RELATED TECHNOLOGIES/TECHNICIANS.; 16) FOREIGN LANGUAGES, LITERATURES, AND LINGUISTICS.; 19) FAMILY AND CONSUMER SCIENCES/HUMAN SCIENCES.; 21) RESERVED.; 22) LEGAL PROFESSIONS AND STUDIES.; 23) ENGLISH LANGUAGE AND LITERATURE/LETTERS.; 24) LIBERAL ARTS AND SCIENCES, GENERAL STUDIES AND HUMANITIES.; 25) LIBRARY SCIENCE.; 26) BIOLOGICAL AND BIOMEDICAL SCIENCES.; 27) MATHEMATICS AND STATISTICS.

You can click on one of the groups to see the Definition at the top. That explanation should provide the information you need to determine what a CIP code represents.

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## Browse CIP Codes

This is a full listing of all CIP codes in this version. (Note: Neither old location of codes that moved nor deleted codes are shown that information may be viewed on other areas of this site.)

Expand All Col

- + 01) AGRICULTURAL/ANIMAL/PLANT/VETERINARY SCIENCE AND RELATED FIELDS.
- + 03) NATURAL RESOURCES AND CONSERVATION.
- + 04) ARCHITECTURE AND RELATED SERVICES.
- + 05) AREA, ETHNIC, CULTURAL, GENDER, AND GROUP STUDIES.
- + 09) COMMUNICATION, JOURNALISM, AND RELATED PROGRAMS.
- + 10) COMMUNICATIONS TECHNOLOGIES/TECHNICIANS AND SUPPORT SERVICES.
- 11) COMPUTER AND INFORMATION SCIENCES AND SUPPORT SERVICES.
  - + 11.01) Computer and Information Sciences, General.
  - + 11.02) Computer Programming.
  - + 11.03) Data Processing.
  - + 11.04) Information Science/Studies.
  - + 11.05) Computer Systems Analysis.
  - + 11.06) Data Entry/Microcomputer Applications.
  - + 11.07) Computer Science.
  - + 11.08) Computer Software and Media Applications.
  - + 11.09) Computer Systems Networking and Telecommunications.
  - + 11.10) Computer/Information Technology Administration and Management.
  - + 11.99) Computer and Information Sciences and Support Services, Other.
- + 12) CULINARY, ENTERTAINMENT, AND PERSONAL SERVICES.
- + 13) EDUCATION.

## Detail for CIP Code 11.0101

Print

**Title:** Computer and Information Sciences, General.

**Definition:** A general program that focuses on computing, computer science, and information science and systems. Such programs are undifferentiated as to title and content and are not to be confused with specific programs in computer science, information science, or related support services.

**Action:** No Substantive Changes

Crosswalk ?

CIP Title or Definition Changed

CIP 2010		CIP 2020	
Code	Title	Action	Code Title
11.0101	Computer and Information Sciences, General.		11.0101 Computer and Information Sciences, General.

Illustrative Examples ?

- None available

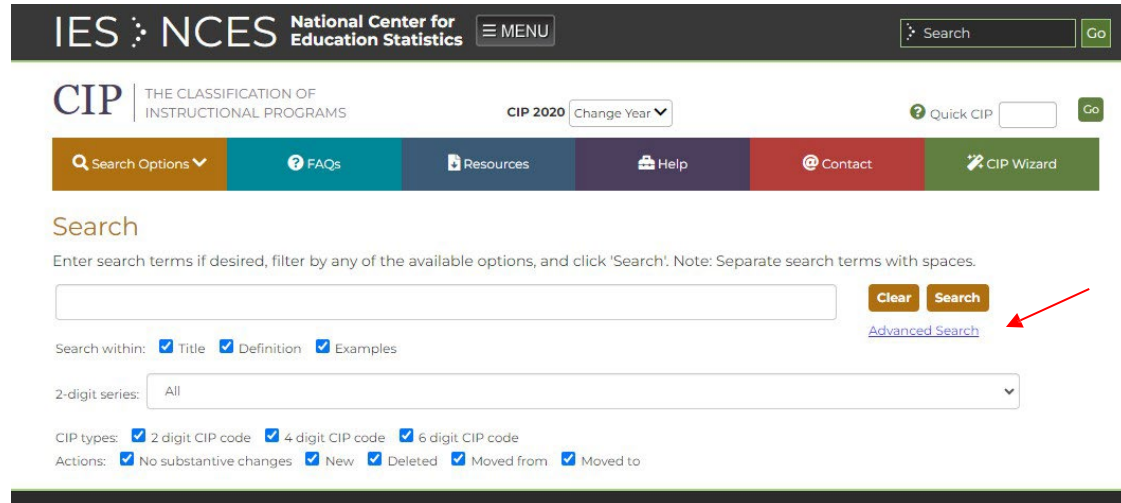
Browse ?

- 11) COMPUTER AND INFORMATION SCIENCES AND SUPPORT SERVICES.
  - 11.01) Computer and Information Sciences, General.
    - [11.0101\) Computer and Information Sciences, General.](#)
    - [11.0102\) Artificial Intelligence.](#)
    - [11.0103\) Information Technology.](#)
    - [11.0104\) Informatics.](#)
    - [11.0105\) Human-Centered Technology Design.](#)
    - [11.0199\) Computer and Information Sciences, Other.](#)

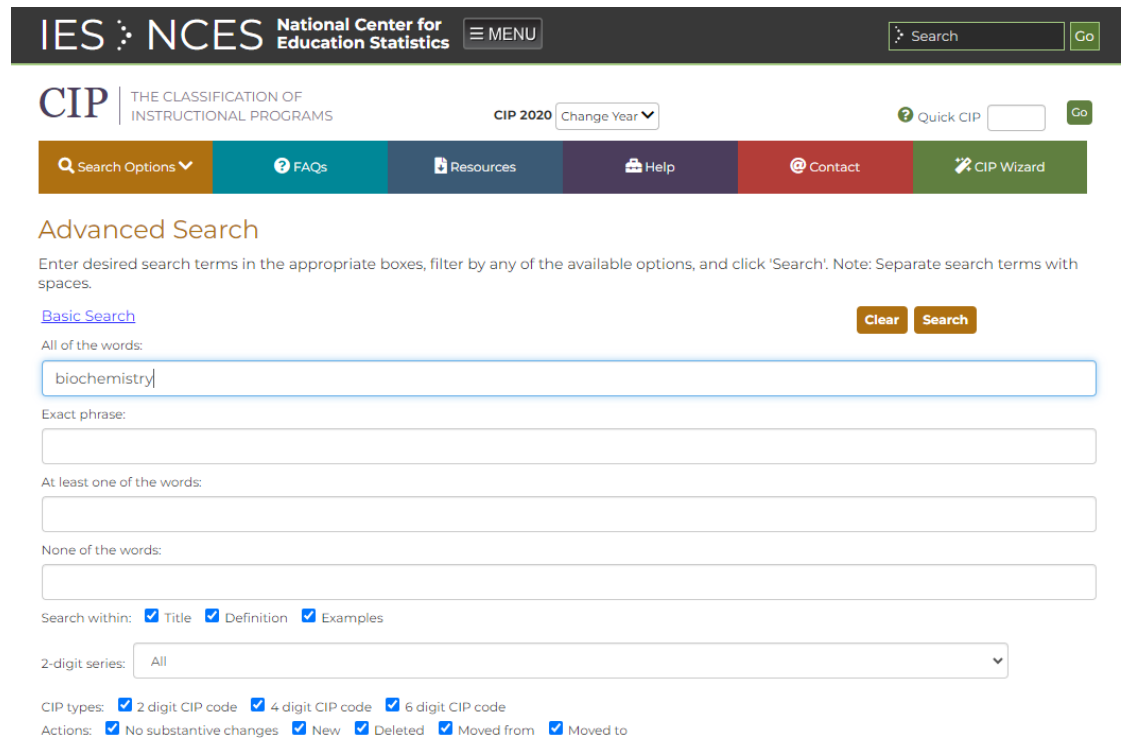
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## Searching CIP Codes

When you click on Search CIP Codes, you can have the site search for related CIP codes based on key terms. There is an Advanced Search that allows you to refine your search.



The screenshot shows the top navigation bar with the IES | NCES National Center for Education Statistics logo and a search box. Below the navigation bar is the CIP logo and the text "THE CLASSIFICATION OF INSTRUCTIONAL PROGRAMS". There is a "CIP 2020" dropdown menu and a "Quick CIP" search box. A horizontal menu contains "Search Options", "FAQs", "Resources", "Help", "Contact", and "CIP Wizard". The main search area has a large text input field, "Clear" and "Search" buttons, and a red arrow pointing to a blue "Advanced Search" link. Below the input field are checkboxes for "Search within: Title, Definition, Examples" and a "2-digit series" dropdown menu. At the bottom, there are checkboxes for "CIP types: 2 digit CIP code, 4 digit CIP code, 6 digit CIP code" and "Actions: No substantive changes, New, Deleted, Moved from, Moved to".



The screenshot shows the "Advanced Search" page. It features a navigation bar similar to the first screenshot. The main heading is "Advanced Search". Below the heading is a text input field with the instruction "Enter desired search terms in the appropriate boxes, filter by any of the available options, and click 'Search'." There are "Clear" and "Search" buttons. Below this is a "Basic Search" link and a "Clear" button. The search criteria section includes: "All of the words:" with a text input field containing "biochemistry"; "Exact phrase:" with an empty text input field; "At least one of the words:" with an empty text input field; and "None of the words:" with an empty text input field. Below these are checkboxes for "Search within: Title, Definition, Examples" and a "2-digit series" dropdown menu. At the bottom, there are checkboxes for "CIP types: 2 digit CIP code, 4 digit CIP code, 6 digit CIP code" and "Actions: No substantive changes, New, Deleted, Moved from, Moved to".

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Search results look like this, with the Title & Definition, and the CIP code:

IES NCES National Center for Education Statistics
Search
Go

CIP | THE CLASSIFICATION OF INSTRUCTIONAL PROGRAMS
 CIP 2020 
Quick CIP
Go

Search Options
FAQs
Resources
Help
Contact
CIP Wizard

## Search Results

Summary of Advanced Search Criteria

- Search within: title, definition, examples
- Search terms:
  - All of the words: biochemistry
  - Exact phrase:
  - At least one of the words:
  - None of the words:
- 2-Digit CIP Series: All
- CIP code types: 2 digit CIP code, 4 digit CIP code, 6 digit CIP code
- Actions: No substantive changes, New, Moved from, Moved to, Deleted

The following results are displaying based on your selection of search criteria. You may sort your results by clicking on the arrow button at the head of each column. You may also [refine your search or begin a new one](#).

**Actions Legend**   ★ New   ✕ Deleted   ▶ Moved To   ◀ Moved From   ⊖ No Substantive Changes

34 records found. Viewing page 1 of 2 [Print](#) [Export](#)

Text Changed	Title	Definition	Action	CIP Code	Moved To / Report Under (2020)	Moved From (2010)
	<a href="#">Animal Nutrition</a>	A program that focuses on the biology and chemistry of proteins, fats, carbohydrates, water, vitamins, and feed additives as related to animal health and the production of improved animal products. Includes instruction in nutrition science, animal health and physiology, <b>biochemistry</b> , cellular and molecular biology, animal husbandry, and food science.	⊖	01.0904		
	<a href="#">Animal Physiology</a>	A program that focuses on the scientific study of function, morphology, regulation, and intercellular communications and dynamics within vertebrate and invertebrate in animal species, with comparative applications to homo sapiens and its relatives and antecedents. Includes instruction in reproduction, growth, lactation, digestion, performance, behavioral adaptation, sensory perception, motor action, phylogenetics, biotic and abiotic function, membrane biology, and related aspects of	⊖	26.0707		

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## Searching the UNCISO Academic Program Inventory for CIP Codes

On the UNC System Office website, there is a link to the “Program and Degree Finder.” This tool can be utilized to find approved CIP codes for ECU programs and for programs at other UNC system schools. Link there directly with this URL:

<https://www.northcarolina.edu/apps/programs/index.php>

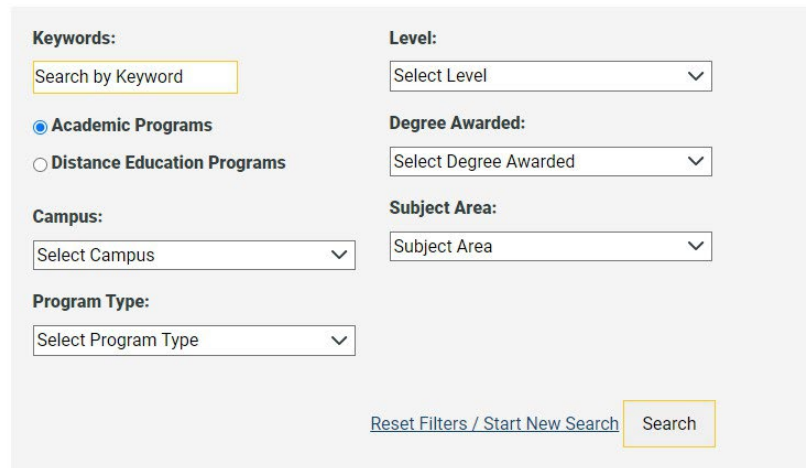


The screenshot shows the top navigation bar of the UNC System Office website. The header includes the UNC logo and the text 'THE UNIVERSITY OF NORTH CAROLINA SYSTEM'. Navigation links include 'Resources <', 'Info For... <', 'ABOUT US', 'IMPACT', 'INSTITUTIONS AND AFFILIATES', and 'OFFICES AND SERVICES'. The main heading is 'Program and Degree Finder'. Below the heading is a breadcrumb trail: 'Home | Info For... | Future Students | Program and Degree Finder'.

50 years of excellence – a look back at UNC System history

### PROGRAM AND DEGREE FINDER

Through statutory authority, UNC's Board of Governors may authorize the establishment of new degree discontinuation of existing degree programs. All degree programs authorized by the Board can be found in the Degree Finder.



The search interface includes the following fields and options:

- Keywords:** Search by Keyword
- Level:** Select Level
- Academic Programs:**  Academic Programs
- Distance Education Programs:**  Distance Education Programs
- Campus:** Select Campus
- Program Type:** Select Program Type
- Degree Awarded:** Select Degree Awarded
- Subject Area:** Subject Area

Buttons: [Reset Filters / Start New Search](#) and **Search**

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Select East Carolina University from the “Campus” drop-down menu to see a list of approved programs. Use the other fields to refine your search.

## PROGRAM AND DEGREE FINDER

Through statutory authority, UNC's Board of Governors may authorize the establishment of new degree programs and the discontinuation of existing degree programs. All degree programs authorized by the Board can be found using the Program and Degree Finder.

**Keywords:**

**Level:**

**Academic Programs**

**Distance Education Programs**

**Degree Awarded:**

**Campus:**

**Subject Area:**

**Program Type:**

[Reset Filters / Start New Search](#)

[Download To Excel](#)

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Title	Level / Degree	CIP Code	Campus	
Accounting	Master's / MSA	52.0301	East Carolina University	<input type="button" value="Q"/>
Accounting	Bachelor's / BSBA	52.0301	East Carolina University	<input type="button" value="Q"/>

The Title is the approved name for the program. The CIP code listed is the one approved at the time the program was implemented.

### Help with CIP Codes

If you need help with CIP codes, you can contact the Office of Academic Planning and Accreditation.

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