



NEW YORK STATE EDUCATION DEPARTMENT  
 Office of Higher Education—Office of College and University Evaluation  
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<http://www.highered.nysed.gov/ocue/>

## Request to Change or Adapt a Registered Program

Item	Response <i>(type in the requested information)</i>
<b>Institution name and address</b>	John Jay College of Criminal Justice City University of New York 524 West 59th. Street New York, NY, 10019 <i>Additional information:</i> ▪ Specify campus where program is offered, if other than the main campus:
<b>Identify the program you wish to change</b>	Program title: Computer Science and Information Security  <u>Award</u> (e.g., B.A., M.S.):  Credits: 60  HEGIS code: 0799.00  <u>Program code</u> : 88202
<b>Contact person for this proposal</b>	Name and title: Raymond Patton, Director of Educational Partnerships, John Jay College of Criminal Justice Telephone: 646-781-5207 Fax: 212-484-1179 E-mail: rpatton@jjay.cuny.edu
<b>CEO (or designee) approval</b>	Name and title: Jane Bowers, Provost and Senior Vice President for Academic Affairs Signature and date: <i>Jane Bowers 5/25/17</i>
<i>Signature affirms the institution's commitment to support the program as revised.</i>	If the program will be registered jointly <sup>1</sup> with another institution, provide the following information: Partner institution's name: Kingsborough Community College Name and title of partner institution's CEO: Signature of partner institution's CEO:

- For **programs that are registered jointly** with another institution, all participating institutions must confirm their support of the changes.
- To change a registered professional licensure program or add a license qualification to an existing program, contact the Office of the Professions for guidance.
- To change a registered teacher certification or educational leadership certification program or add a certificate qualification to an existing program, use the education program change form.
- If the change involves **establishing an existing registered program at a new location**, complete a new registration application for the proposed program.

<sup>1</sup> If the partner institution is non-degree-granting, see CEO Memo 94-04 at [www.highered.nysed.gov/ocue/ceo94-04.htm](http://www.highered.nysed.gov/ocue/ceo94-04.htm).

**Check all changes that apply and provide the requested information.**

**Changes in Program Content** (*Describe and explain all proposed changes; provide a side-by-side comparison of the existing and newly modified programs.*)

- Cumulative change from the Department's last approval of the registered program that impacts one-third or more of the minimum credits required for the award (e.g., 20 credits in an associate degree program)
- Changes in a program's focus or design
- Adding or eliminating an option or concentration
- Eliminating a requirement for program completion
- Altering the liberal arts and science content in a way that changes the degree classification, as defined in Section 3.47(c)(1-4) of Regents Rules

**If new courses are being added as part of the noted change(s)**, provide a syllabus for each new course and list the name, qualifications, and relevant experience of faculty teaching the course(s). Syllabi should include a course description and identify course credit, objectives, topics, student outcomes, texts/resources, and the basis for determining grades.

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**Other Changes** (*describe and explain all proposed changes*)

- Program title**
- Program award**
- Mode of Delivery** (**Note:** if the change involves adding a **distance education format** to a registered program, please complete the distance education application.)
- Discontinuing a program:** indicate the date by which the program will be discontinued.<sup>2</sup>
- Format change** (e.g., from full-time to part-time, or to an abbreviated or accelerated semester)
  - a) Indicate proposed format:
  - b) Describe availability of courses and any change in faculty, resources, or support services:
  - c) Use the Sample Program Schedule to show the sequencing and scheduling of courses in the program.

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<sup>2</sup> If any students do not complete the program by the proposed termination date, the institution must request an extension of the registration period for the program or make other arrangements for those students.

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## Establishing New Programs Based on Existing Registered Programs

[X] **Creating a dual-degree program** from existing registered programs

a) Complete the following table to identify the existing programs:

	<b>Program Title</b>	<b>Degree Award</b>	<b>Program Code</b>
Program 1	<b>Computer Science (Kingsborough Community College)</b>	<b>A.S.</b>	<b>01040</b>
Program 2	<b>Computer Science and Information Security (John Jay College)</b>	<b>B.S.</b>	<b>88202</b>

b) Proposed dual-degree program (title and award):<sup>3</sup> Computer Science and Information Security, B.S.

c) Courses that will be counted toward both awards:

MAT 1500 Calculus I

MAT 2100 Calculus III

CS 1200 Intro to Computing

CS 1300 Advanced Programming

CS 1400 Computer & Assembly Lang Program

CS 3500 Discrete Structures

MAT 5600 Linear Algebra

(Plus general education requirements and any additional elective credits)

d) Length of time for candidates to complete the proposed program: Four Years

e) Use the Sample Program Schedule to show the sequencing and scheduling of courses in the dual-degree program. (See attached)

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<sup>3</sup> Only candidates with the capacity to complete the requirements of both degrees shall be admitted to a dual-degree program.

Table A: Undergraduate Program Schedule

- Indicate academic calendar type:  Semester  Quarter  Trimester  Other (describe):
- Label each term in sequence, consistent with the institution's academic calendar (e.g., Fall 1, Spring 1, Fall 2)
- Use the table to show how a typical student may progress through the program; copy/expand the table as needed.

Term: Freshman Year Fall (KBCC)				Term: Freshman Year Spring (KBCC)			
Course Number & Title	Cr	Credits per classification		Course Number & Title	Cr	Credits per classification	
		LAS	Maj	LAS	Maj	New	Prerequisite(s)
Req Core: MAT 900 College Algebra <sup>1</sup>	3	X		CS 1200 Intro to Computing	4		co: Mat 1400
Flex Core: Creative Expression	3	X		Flex Core: Sci World: MAT 1400 Analytic Geometry And Pre-Calculus <sup>1</sup>	4	X	(1) MAT 900 or placement test
Req Core: ENG 1200 English I	3	X		Req Core: ENG 2400 English II	3	X	ENG 1200 (placement)
Req Core: Life and Physical Sciences	3	X		MAT/BA 2200: Business Statistics	4		
Flex Core: Ind. & Soc.	3	X					
<b>Term credit total:</b>	<b>15</b>	<b>15</b>	<b>0</b>	<b>Term credit total:</b>	<b>15</b>	<b>7</b>	<b>9</b>
Term: Sophomore Year Fall (KBCC)				Term: Sophomore Year Spring (KBCC)			
Course Number & Title	Cr	Credits per classification		Course Number & Title	Cr	Credits per classification	
		LAS	Maj	LAS	Maj	New	Prerequisite(s)
Flex Core: Sci World: MAT 1500 Calculus I	4	X	X	CS 3500 Discrete Structures	4	X	MAT 1500
CS 1300 Advanced Programming	4	X	X	MAT 5600 Linear Algebra	3	X	MAT 1500
Flex Core: US Experience	3	X		Flex Core: World Cultures	3	X	
CS 1400 Computer & Assembly Lang Program	4	X	X	MAT 1600 Calculus II	4	X	MAT 1500
				HE 1400 Critical Issues in Health Care	1		X
<b>Term credit total:</b>	<b>15</b>	<b>7</b>	<b>12</b>	<b>Term credit total:</b>	<b>15</b>	<b>10</b>	<b>9</b>
Term: Junior Year Fall (JJC)				Term: Junior Year Spring (JJC)			
Course Number & Title	Cr	Credits per classification		Course Number & Title	Cr	Credits per classification	
		LAS	Maj	LAS	Maj	New	Prerequisite(s)
(Col Opt) Justice in Global Perspective	3	X		CSCI 374 Programming Languages	3		CSCI 272
MAT 301 Probability and Mathematical Statistics I	3	X	X	CSCI 375 Operating Systems	3	X	CSCI 272
CSCI 373 Advanced Data Structures	3	X	X	CSCI 377 Computer Algorithms	3	X	CSCI 272
Col Opt Learning fr Past or Com	3	X		CSCI Elective	3		X
Liberal Arts Elective	3	X		Liberal Arts Elective	3	X	
<b>Term credit total:</b>	<b>15</b>	<b>12</b>	<b>6</b>	<b>Term credit total:</b>	<b>15</b>	<b>3</b>	<b>12</b>
Term: Senior Year Fall (JJC)				Term: Senior Year Spring (JJC)			
Course Number & Title	Cr	Credits per classification		Course Number & Title	Cr	Credits per classification	
		LAS	Maj	LAS	Maj	New	Prerequisite(s)
CSCI 411 Computer Security & Forensics	3		X	CSCI 412 Network Security & Forensics	3	X	CSCI 360, 379
CSCI 400 Capstone Exp in Cybersecurity I	3		X	CSCI 401 Capstone Exp in Cybersecurity II	3	X	CSCI 400
PHI 216 Ethics & Info Technology	3	X	X	CSCI 360 Cryptography & Cryptanalysis	3	X	MAT 204, CSCI 272
Liberal Arts Elective	3	X		Elective	3		
CSCI 379 Computer Networking	3		X	Elective	3		
<b>Term credit total:</b>	<b>15</b>	<b>6</b>	<b>12</b>	<b>Term credit total:</b>	<b>15</b>	<b>0</b>	<b>9</b>
<b>Program Totals:</b>		Credits: 60 (A.S.) / 120 (B.S.)		Credits: 30 (A.S.) / 60 (B.S.)		Credits: 30 (A.S.) / 60 (B.S.)	
Cr:= credits	LAS = Liberal Arts and Sciences	Maj = major requirement	New = new course	Prerequisite(s) = list prerequisite(s) for the noted courses			

1. MAT 900 and MAT 1400 may not be required depending on mathematics placement.