Program Revision Proposal: Changes to an Existing Program

Form 3A

Version 2016-10-13

SUNY approval and SED registration are required for many changes to registered programs. To request a change to a registered program leading to an undergraduate degree, a graduate degree, or a certificate that does not involve the creation of a new program,[1] a Chief Executive or Chief Academic Officer must submit **a signed cover letter and this completed form** to the SUNY Provost at *program.review@suny.edu*.

Section 1. General Information		
a) Institutional Information	Institution's 6-digit SED Code:	**210500**
	Institution's Name:	SUNY ALBANY
	Address:	*1400 Washington Avenue, Albany, NY 12222*
b) Program Locations	List each campus where the entire program will be offered (with each institutional or branch campus 6-digit SED Code): N/A	
	List the name and address of off-campus locations (i.e., extension sites or extension centers) where courses will offered, **or check here [X] if not applicable**:	
c) Registered Program to be Changed	Program Title:	Computer Science
	SED Program Code	86075, 28823, 89192
	Award(s) (e.g., A.A., B.S.):	B.A
	Number of Required Credits:	Minimum [120] If tracks or options, largest minimum [ ]
	HEGIS Code:	0701.00
	CIP 2010 Code:	11.0701
	Effective Date of Change:	Fall 2023
	Effective Date of Completion[2]	Spring 2027
d) Campus Contact	Name and title: Kaitlyn Beachner, Staff Associate for Undergraduate Programs Telephone and email: 518-442-3941, kbeachner@albany.edu	
e) Chief Executive or Chief Academic Officer Approval	**Signature affirms that the proposal has met all applicable campus administrative and shared governance procedures for consultation, and the institution's commitment to support the proposed program. *E-signatures are acceptable.*** Name and title: Carol Kim, Ph.D., Senior Vice President for Academic Affairs & Provost Signature and date:  4/8/2022	
	If the program will be registered jointly[3] with one or more other institutions, provide the following information for <u>each</u> institution:	
	Partner institution's name and 6-digit SED Code: Name, title, and signature of partner institution's CEO (or **append** a signed letter indicating approval of this proposal):	

[1] To propose changes that would create a new program, Form 3B, Creating a New Program from Existing Program(s), is required.
[2] If the current program(s) must remain registered until enrolled students have graduated, the anticipated effective date by which continuing students will have completed the current version of the program(s).
[3] If the partner institution is non-degree-granting, see SED's CEO Memo 94-04.

Section 2.1. Changes in Program Content

[ ] No changes in program content. *Proceed to Section 2.2.*

a) Check all that apply. Describe each proposed change and why it is proposed.

[X] Cumulative change from SED's last approval of the registered program of one-third or more of the minimum credits required for the award (e.g., 20 credits for associate degree programs, 40 credits for bachelor's degree programs)
[ ]Changes in a program's focus or design
[ ] Adding or eliminating one or more options, concentrations or tracks
[ ] Eliminating a requirement for program completion (such as an internship, clinical placement, cooperative education, or other work or field-based experience). Adding such requirements must remain in compliance with SUNY credit cap limits.
[ ] Altering the liberal arts and science content in a way that changes the degree classification of an undergraduate program, as defined in Section 3.47(c)(1-4) of Regents Rules

Description:

The Bachelor of Arts in Computer Science allows students the flexibility to double major, or pair with a minor that encourages interdisciplinary learning. Many students incorporate classes from the School of Business, the Math Department and the Department of Art in order to apply basic computer science techniques to another subject area. These changes will strengthen our BA program, while also encouraging the flexibility described above. Course changes were made to fulfill the SUNY Transfer Pathway for Computer Science.

b) Provide a side-by-side comparison of all the courses in the existing and proposed revised program that clearly indicates all new or significantly revised courses, and other changes.

Curriculum Comparison Chart

***N designates a New course**
***SR designates a Significantly Revised course**

Computer Science BA 1990	Proposed Computer Science BA 2022
Total Credits Required: 38 Credits to include:	***Total Credits Required: 43 credits to include:***
Required CS Courses: 27 Credits	***Required CS Courses: 36 Credits***
CSI 201Y – Introduction to Computer Science (4)	ICSI 201– Introduction to Computer Science (4)
CSI 202 – Assembly Language Programing (4)	*Course No Longer Required*
CSI 210 – Discrete Structures (4)	ICSI/ECE 210 – Discrete Structures (4)
CSI 310 – Data Structures (3)	ICSI/ECE 213: Data Structures (4) **(SR)**
	ICSI 318 Introduction to Software Engineering (4) **(N)**
CSI 311 – Principles of Programming Languages (3)	ICSI 311: Principles of Programming Languages (4) **(SR)**
	ICSI 333: Program Hardware-Software Interface (4) **(N)**
	ICSI 404 – Computer Organization (3)
Select One: CSI 402 – Systems Programming (3)	*Course retired*
CSI 499 – Senior Project in Computer Science (3)	*Course no longer required*
	ICSI 498: Capstone Project in CS (3) **(N)**
Required Math Courses: 11 credits	***Required Math Courses: 7 credits***
MAT 112Y – Calculus I (4)	AMAT 112 – Calculus I (4) **(SR)** OR AMAT 118 - Honors Calculus I (4) **(SR)**
MAT 113Y – Calculus II (4)	*Course no longer required*
MAT 367 – Discrete Probability (3)	AMAT 367 – Discrete Probability (3) OR AMAT 370 – Probability and Statistics for Engineering and the Sciences (3) **(N)**
Computer Science Elective Requirements: 6 credits *Two CSI Courses numbered 400-450 or 500-550*	***Computer Science Elective Requirements: 6 credits*** *Credits must be from ICSI Courses numbered 300 – 470 or specially approved by the department.*
	ICSI 300Z – Societal and Ethical Implications of Computing (3) **(N)**
CSI 400 – Operating Systems (3)	ICSI 412 – Operating Systems (3) (Formerly ICSI 400) **(SR)**
CSI 401 Numerical Methods for Digital Computers (3)	ICSI 401 – Numerical Methods (3) **(SR)**
CSI 402 – Systems Programming (3)	*Course Retired*

CSI 403 - Algorithms and Data Structures (3)	ICSI 403 – Design and Analysis of Algorithms (3) **(SR)**
CSI 404 – Computer Organization (3)	*Now Required Course (see requirements above)*
CSI 407 – User Interfaces (3)	ICSI 407 – Human Computer Interaction (3) **(SR)**
CSI 409 Automata and Formal Languages (3)	ICSI 409 Automata and Formal Languages (3)
CSI 410 – Database Management Systems (3)	CSI 410 – Database Systems (3) **(SR)**
CSI 416 – Computer Communication Networks (3)	ICSI 416 – Computer Communication Networks (3)
CSI 417 – Compiler Construction (3)	ICSI 417 – Compiler Construction (3)
CSI 418 – Software Engineering (3)	CSI 418 – Software Engineering (3)
CSI 421 – Discrete Mathematics with Applications (3)	ICSI 421 - Discrete Mathematics with Applications (3)
	ICSI 422 – Computer Graphics (3) **(N)**
CSI 435 – Introduction to Artificial Intelligence (3)	I CSI 435 Artificial Intelligence (3) **(SR)**
	ICSI 424 – Computer Security (3) **(N)**
	ICSI 426 – Cryptography (3) **(N)**
	ICSI 431 – Data Mining (3) **(N)**
	I CSI 432 Network Science (3) **(N)**
	I CSI 433 Multimedia Computing (3) **(N)**
	ICSI 436 – Machine Learning (3) **(N)**
	ICSI 451 – Bayesian Data Analysis and Signal Processing (3) **(N)**
CSI courses numbered 500-550 are not readily available at the time of creating this document, and thus, cannot be listed here.	*CSI courses numbered 500-550 are no longer an option for students.*

c) For each new or significantly revised course, **provide** a syllabus at the end of this form, and, on the ***SUNY Faculty Table*** provide the name, qualifications, and relevant experience of the faculty teaching each new or significantly revised course. NOTE: *Syllabi for all courses should be available upon request. Each syllabus should show that all work for credit is college level and of the appropriate rigor. Syllabi generally include a course description, prerequisites and corequisites, the number of lecture and/or other contact hours per week, credits allocated (consistent with SUNY policy on credit/contact hours), general course requirements, and expected student learning outcomes.*

AMAT 112 – Calculus I (4)
AMAT 118 – Honors Calculus I (4) (Honors offering)
AMAT 370 – Probability and Statistics for Engineering and the Sciences
ICSI/ECE 213: Data Structures (4)
ICSI 300Z – Social, Security, and Privacy Implications of Computing (3)
ICSI 311: Principles of Programming Languages (4)
ICSI 318: Introduction to Software Engineering (4)
ICSI 333 – Programming at the Hardware Software Interface (4)
ICSI 401 – Numerical Methods (3)
ICSI 403: Design and Analysis and Algorithms (3)
ICSI 407 – Human Computer Interaction (3)
ICSI 410: Database Systems (3)
ICSI 412 – Operating Systems (3) (Formerly ICSI 400)
ICSI 422 – Computer Graphics (3)
ICSI 424 – Computer Security (3)

ICSI 426 – Cryptography (3)
ICSI 431 – Data Mining (3)
ICSI 432 – Network Science (3)
ICSI 433 – Multimedia Computing (3)
ICSI 435 Artificial Intelligence (3)
ICSI 436 – Machine Learning (3)
ICSI 451 – Bayesian Data Analysis and Signal Processing (3)
ICSI 498: Capstone Project in CS (3)

d) What are the additional costs of the change, if any? If there are no anticipated costs, explain why.

The program revision includes no change in existing credit hours. Our current faculty numbers are sufficient to support the existing credit hours and as a result, no additional resources are needed.

Section 2.2. Other Changes

Check all that apply. Describe each proposed change and why it is proposed.

[ ] Program title
[ ] Program award
[X] Mode of delivery
NOTES: *(1) If the change in delivery enables students to complete 50% of more of the program via distance education, submit a Distance Education Format Proposal* as part of this proposal. *(2) If the change involves adding an accelerated version of the program that impacts financial aid eligibility or licensure qualification, SED may register the version as a separate program.*
[ ] Format change(s) (e.g., from full-time to part-time), based on SED definitions, for the **entire** program
1) State proposed format(s) and consider the consequences for financial aid
2) Describe availability of courses and any change in faculty, resources, or support services.
[ ] A change in the total number of credits in a certificate or advanced certificate program
[ ] Any change to a registered licensure-qualifying program, or the addition of licensure qualification to an existing program. **Exception:** Small changes in the required number of credits in a licensure-qualifying program that do not involve a course or courses that satisfy one of the required content areas in the profession.

Section 3. Program Schedule and Curriculum

a) For **undergraduate programs**, complete the ***SUNY Undergraduate Program Schedule*** to show the sequencing and scheduling of courses in the program. If the program has separate tracks or concentrations, complete a ***Program Schedule*** for each one.

NOTES: *The* ***Undergraduate Schedule*** *must show* ***all curricular requirements*** *and demonstrate that the program conforms to SUNY's and SED's policies.*

- *It must show how a student can complete all program requirements within SUNY credit limits, unless a longer period is selected as a format in Item 2.1(c): two years of full-time study (or the equivalent) and 64 credits for an associate degree, or four years of full-time study (or the equivalent) and 126 credits for a bachelor's degree. Bachelor's degree programs should have at least 45 credits of upper division study, with 24 in the major.*
- *It must show how students in A.A., A.S. and bachelor's programs can complete, within the first two years of full-time study (or 60 credits), no fewer than 30 credits in approved SUNY GER courses in the categories of Basic Communication and Mathematics, and in at least 5 of the following 8 categories: Natural Science, Social Science, American History, Western Civilization, Other World Civilizations, Humanities, the Arts and Foreign Languages*
- *It must show how students can complete Liberal Arts and Sciences (LAS) credits appropriate for the degree.*
- *When a SUNY Transfer Path applies to the program, it must show how students can complete the number of SUNY Transfer Path courses shown in the Transfer Path Requirement Summary within the first two years of full-time study (or 60 credits), consistent with SUNY's Student Seamless Transfer policy and MTP 2013-03.*
- *Requests for a program-level waiver of SUNY credit limits, SUNY GER and/or a SUNY Transfer Path require the campus to submit a Waiver Request –with compelling justification(s).*

EXAMPLE FOR ONE TERM: Undergraduate Program Schedule

Term 2: Fall 20xx	Credits per classification						
Course Number & Title	**Cr**	**GER**	**LAS**	**Maj**	**TPath**	**New**	**Prerequisite(s)**
ACC 101 Principles of Accounting	4			4	4		
MAT 111 College Mathematics	3	M	3	3			MAT 110
CMP 101 Introduction to Computers	3						
HUM 110 Speech	3	BC	3			X	
ENG 113 English 102	3	BC	3				
Term credit total:	16	6	9	7	4		

b) *For* ***graduate programs****, complete the* ***SUNY Graduate Program Schedule****. If the program has separate tracks or concentrations, complete a* ***Program Schedule*** *for each one.*

NOTE: *The* ***Graduate Schedule*** *must include all curriculum requirements and demonstrate that expectations from Part 52.2(c)(8) through (10) of the Regulations of the Commissioner of Education are met.*

SUNY Undergraduate Program Schedule (***OPTION: You can paste an Excel version of this schedule AFTER this line, and delete the rest of this page.)***

Program/Track Title and Award:_____Computer Science BA_____

a) Indicate **academic calendar type**: [X] Semester [ ] Quarter [ ] Trimester [ ] Other (describe):

b) **Label each term in sequence**, consistent with the institution's academic calendar (e.g., Fall 1, Spring 1, Fall 2)

c) **Name of SUNY Transfer Path, if one exists: ____Computer Science_____ See Transfer Path Requirement Summary for details**

d) Use the table to show **how a typical student may progress through the program**; copy/expand the table as needed. **Complete all columns that apply to a course.**

Term 1: Fall 1	See KEY.						
Course Number & Title	**Cr**	**GER**	**LAS**	**Maj**	**TPath**	**New**	**Co/Prerequisites**
ICSI201 Introduction to Computer Science	4		4	X	X		
AMAT 112 Calculus I or AMAT 118 Honors Calculus I	4	MA	4	X	X	(SR)	Pre-Calculus at the H.S. or College Level
General Education: International Perspectives	3	OW	3				
UUNI 110: Writing and Critical Inquiry	3	BC	3				
Term credit totals:	14	10	14	8	8		

Term 2: Spring 1	See KEY.						
Course Number & Title	**Cr**	**GER**	**LAS**	**Maj**	**TPath**	**New**	**Co/Prerequisites**
ICSI210 Discrete Structures	4		4	X	X		AMAT112
ICSI213 Data Structures	4		4	X	X	(SR)	ICSI201 or ICSI200 or IECE 141
General Education: Social Sciences	3	SS	3				
General Education: Natural Science	3	NS	3		X		
General Education: Arts	3	AR	3				
Term credit totals:	17	9	17	8	11		

Term 3: Fall 2	See KEY.						
Course Number & Title	**Cr**	**GER**	**LAS**	**Maj**	**TPath**	**New**	**Co/Prerequisites**
ICSI311 Principles of Programming Languages	4			X		(SR)	ICSI 210 and ICSI213
ICSI333 System Fundamentals	4			X		(N)	ICSI213
General Education: American History	3	AH	3				
General Education: Humanities	3	HU	3				
Local General Education: Challenges of the 21st Century	3		3				
Term credit totals:	17	6	9	8	0		

Term 4: Spring 2	See KEY.						
Course Number & Title	**Cr**	**GER**	**LAS**	**Maj**	**TPath**	**New**	**Co/Prerequisites**
General Education: Foreign Language	3	FL	3				
General Education: Any area	3	X	3				
ICSI 404 Assembly Programming and Computer Organization	3				X		Prerequisite(s): grade of *C* or better in I CSI 333.
LAS Elective	3		3				
LAS Elective	3		3				
Term credit totals:	15	6	12	0	0		

Term 5: Fall 3	See KEY.						
Course Number & Title	**Cr**	**GER**	**LAS**	**Maj**	**TPath**	**New**	**Co/Prerequisites**
ICSI318 Intro to Software Engineering (N)	4			X		(N)	ICSI 311
LAS Elective	3		3				
LAS Elective	3		3				
ICSI Elective (300+) (1 of 2)	3			X			Introductory computer science course
LAS Upper Division Elective	3	0	3				

Term 6: Spring 3	See KEY.						
Course Number & Title	**Cr**	**GER**	**LAS**	**Maj**	**TPath**	**New**	**Co/Prerequisites**
ICSI Elective (300+) (2 of 2)	3			X			
AMAT367 Discrete Probability Or AMAT370 Probability and Statistics for Engineering and the Sciences	3		3	X		370 New	For AMAT 367 - A MAT 113 or 119, plus 6 credits at the 200 or higher level in either mathematics or computer science. FAor AMAT 370 - MAT 367 or CSI 210.
LAS Upper Division Elective	3		3				
LAS Upper Division Elective	3		3				
LAS Elective	3	0	3				

Term credit totals:	16		9	7	0		
Term 7: Fall 4	See KEY.						
Course Number & Title	**Cr**	**GER**	**LAS**	**Maj**	**TPath**	**New**	**Co/Prerequisites**
LAS Upper Division Elective	3		3				
LAS Upper Division Elective	3		3				
LAS Elective	3		3				
Free Elective	3						
Free Elective	3						
Term credit totals:	15	0	9	3	3		

Term credit totals:	15	0	12	6	0		
Term 8: Spring 4	See KEY.						
Course Number & Title	**Cr**	**GER**	**LAS**	**Maj**	**TPath**	**New**	**Co/Prerequisites**
ICSI498 Capstone Project in Computer Science	3			X		(N)	ICSI 318
LAS Upper Division Elective	3		3				
LAS Upper Division Elective	3		3				
LAS Elective	3		3				
Term credit totals:	12	0	9	3	0		

Program Totals (in credits):	**Total Credits: 121**	**SUNY GER: 31**	**LAS: 91**	**Major: 43**	**Elective & Other: 51**	**Upper Division: 45**	**Upper Division Major: 24**	**Number of SUNY GER Categories:**
								9

KEY Cr: credits **GER:** SUNY General Education Requirement (Enter Category Abbreviation) **LAS:** Liberal Arts & Sciences (Enter credits) **Maj:** Major requirement (Enter credits) **TPath:** SUNY Transfer Path Courses (Enter credits) **New:** new course (Enter X) **Co/Prerequisite(s):** list co/prerequisite(s) for the noted courses **Upper Division:** Courses intended primarily for juniors and seniors **SUNY GER Category Abbreviations:** American History (AH), Basic Communication (BC), Foreign Language (FL), Humanities (H), Math (M), Natural Sciences (NS), Other World Civilizations (OW), Social Science (SS), The Arts (AR), Western Civilization (WC)

SUNY Graduate Program Schedule ***OPTION:*** ***You can insert an Excel version of this schedule AFTER this line, and delete the rest of this page.)***

Program/Track Title and Award:_____

a) Indicate **academic calendar** type: [ ] Semester [ ] Quarter [ ] Trimester [ ] Other (describe):

b) **Label each term in sequence**, consistent with the institution's academic calendar (e.g., Fall 1, Spring 1, Fall 2)

c) Use the table to show **how a typical student may progress through the program**; copy/expand the table as needed.

d) Complete the last row to show program totals and comprehensive, culminating elements. **Complete all columns that apply to a course.**

Term 1:			
Course Number & Title	**Credits**	**New**	**Co/Prerequisites**
Term credit total:			

Term 2:			
Course Number & Title	**Credits**	**New**	**Co/Prerequisites**
Term credit total:			

Term 3:			
Course Number & Title	**Credits**	**New**	**Co/Prerequisites**
Term credit total:			

Term 4:			
Course Number & Title	**Credits**	**New**	**Co/Prerequisites**
Term credit total:			

Term 5:			
Course Number & Title	**Credits**	**New**	**Co/Prerequisites**
Term credit total:			

Term 6:			
Course Number & Title	**Credits**	**New**	**Co/Prerequisites**
Term credit total:			

Term 7:			
Course Number & Title	**Credits**	**New**	**Co/Prerequisites**
Term credit total:			

Term 8:			
Course Number & Title	**Credits**	**New**	**Co/Prerequisites)**
Term credit total:			

Program Total:	**Total Credits:**	**Identify the required comprehensive, culminating element(s), such as a thesis or examination, including course number(s), if applicable:**

New: X if new course **Prerequisite(s)**: list prerequisite(s) for the listed courses

Section 4. SUNY Faculty Table

a) If applicable, provide information on faculty members who will be teaching new or significantly revised courses in the program. Expand the table as needed.

b) **Append** at the end of this document position descriptions or announcements for each to-be-hired faculty member

(a)	(b)	(c)	(d)	(e)	(f)
Faculty Member Name and Title and/or Rank at the Institution (Include and identify Program Director.)	**% of Time Dedicated to This Program**	**Program Courses Which May Be Taught (Number and Title)**	**Highest and Other Applicable Earned Degrees (include College or University)**	**Discipline(s) of Highest and Other Applicable Earned Degrees**	**Additional Qualifications: List related certifications and licenses and professional experience in field.**
PART 1. Full-Time Faculty					
Dr. Jackson De Marques de Carvalho, Professor of Practice	100	ICSI404: Computer Organization; ICSI412: Operating Systems	PhD, University of Western Ontario	Computer Science	
Qi Wang, Lecturer	100	ICSI 201: Introduction to Computer Science; ICSI 210: Discrete Structures; ICSI213: Data Structures	MS, California State University at Northridge, California	Computer Science	ACM Reviewer
Dr. Mariya Zheleva, Assistant Professor	100	ICSI416: Computer Communication Networks	PhD, University of California Santa Barbara	Computer Science	IEEE Reviewer
Dr. Mei-Hwa Chen, Associate Professor	100	ICSI318: Introduction to Software Engineering; ICSI418Y: Software Engineering	PhD, Purdue University	Computer Science	IEEE Reviewer
Dr. Vladimir Kuperman, Professor of Practice	100	ICSI300Z: Societal and Ethical Implications of Computing; ICSI 311: Principles of Programming Languages; ICSI403:	PhD, Moscow Mendeleyev University of Chemical Technology	Computer Science	

(a) Faculty Member Name and Title and/or Rank at the Institution (Include and identify Program Director.)	(b) % of Time Dedicated to This Program	(c) Program Courses Which May Be Taught (Number and Title)	(d) Highest and Other Applicable Earned Degrees (include College or University)	(e) Discipline(s) of Highest and Other Applicable Earned Degrees	(f) Additional Qualifications: List related certifications and licenses and professional experience in field.
		Design and Analysis of Algorithms			
Dr. Pradeep Atrey, Associate Professor, **(Program Director)**	100	ICSI498: Capstone Project in Computer Science; ICSI426: Cryptography; ICSI433: Theory and Practice of Multimedia Computing; ICSI407: Human Computer Interaction	PhD, National University of Singapore	Computer Science	IEEE, ACM Editor
Dr. Jeong-Hyon Hwang, Associate Professor	100	ICSI410: Database Systems; ICSI422:Computer Graphics	PhD, Brown University	Computer Science	ACM Editor
Dr. Amirreza Masoumzadeh-Tork, Assistant Professor	100	ICSI333: System Fundamentals; ICSI424: Computer Security	PhD, University of Pittsburgh	Information Science	
Dr. Abram Magner, Assistant Professor	100	ICSI401: Numerical Methods	PhD, Purdue University	Computer Science	
Dr. Petko Bogdanov, Assistant Professor	100	ICSI403: Design and Analysis Algorithms; ICSI431: Data Mining	PhD, University of California, Santa Barbara	Computer Science	
Dr. Ming-Ching Chang, Assistant Professor	100	ICSI435: Artificial Intelligence; ICSI436: Machine Learning	PhD, Brown University	Engineering Man/Machine Systems	
Dr. Keith Earle, Associate Professor and Chair of Physics Department	25	ICSI451: Bayesian Data Analysis and Signal Processing	PhD, Cornell University	Experimental Physics	
Dr. Chelmis Charalampos, Assistant Professor	100	ICSI432: Network Science	PhD, University of Southern California, Viterbi School of Engineering	Computer Science	
Dr. Steven Plotnick, Associate Professor	25	AMAT118 Honors Calculus	PhD, University of Michigan	Mathematics	
Dr. Martin Hildebrand, Professor	25	AMAT367: Discrete Probability	PhD, Harvard University	Mathematics	

(a)	(b)	(c)	(d)	(e)	(f)
Faculty Member Name and Title and/or Rank at the Institution (Include and identify Program Director.)	**% of Time Dedicated to This Program**	**Program Courses Which May Be Taught (Number and Title)**	**Highest and Other Applicable Earned Degrees (include College or University)**	**Discipline(s) of Highest and Other Applicable Earned Degrees**	**Additional Qualifications: List related certifications and licenses and professional experience in field.**
Dr. Jesse Corradino, Lecturer	25	AMAT370: Probability and Statistics for Engineering and the Sciences	PhD, University at Albany, SUNY	Mathematics	
Dr. Siwei Lyu, Associate Professor	100	ICSI 300Z: Societal and Ethical Implications of Computing, ICSI 436: Machine Learning	Ph.D. Dartmouth College	Computer Science	
Dr. Andrew Hurd, Professor of Practice	100	ICSI 311: Principles of Programming Languages, ICSI 403: Design and Analysis of Algorithms	Ph.D., University at Albany, SUNY	Information Sciences	
Dr. Amiya Bhattacharya, Professor of Practice	100	ICSI 433: Computer Graphics	Ph.D., University of Texas at Arlington	Computer Science & Engineering	
PART 2. Part-Time Faculty					
Dr. Adam Schultze, Adjunct Faculty	25	AMAT 112: Calculus I	PhD, University at Albany	Mathematics	
Part 3. To-Be-Hired Faculty (List as TBH1, TBH2, etc., and provide expected hiring date instead of name.)					