

ILLINOIS STATE UNIVERSITY REQUEST
FOR NEW PROGRAM APPROVAL
Financial Implication Form

Purpose: Proposed new undergraduate and graduate programs (degrees, sequences, minors, and certificates) must include information concerning how the program will be financially supported to proceed through the curricular process.

Procedure: This completed form is to be approved by the Department/School Curriculum Committee chair, department chair/school director, college dean, and Provost prior to submission of the proposal to the College Curriculum Committee.

Definition: A "program" can be a degree, a sequence within a degree, a minor, or a certificate. This form is to be used for both undergraduate and graduate programs.

Complete the following information:

Department: School of Information Technology

Contact person: Traci Carte

Date: 06/15/2022

Proposed new program: General Computer Science
Accelerated

(Note: if the proposed program is a sequence, please indicate the full degree it is housed within)

BRIEF DESCRIPTION OF THE PROPOSED PROGRAM

The Accelerated Computer Science Sequence is a pathway into the Master's Program in Computer Science. Accelerated degree programs offer high-achieving students the opportunity to complete their bachelor's degree and master's degree with one additional year of study. Students accepted into the sequence will be allowed to take courses during their junior and senior years that will count towards both the undergraduate and graduate programs in computer science. No curricular changes are being made to the plans of study in the traditional sequence. The only change proposed for the new accelerated sequence is the ability to complete 12 hours of graduate-level coursework in the junior/senior year. Qualifying students must apply to the program in the fall semester of their junior year. Their applications will be considered jointly with graduate student applications. If accepted, the Accelerated computer science student will take up to 12 hours of graduate-level credits during their junior and senior years. Students must then apply formally to the Graduate School in the spring of their senior year. This accelerated program allows for an efficient move through two degrees and the ability to jump-start student professional development by completing two degrees in less time than it would to complete them separately. It also allows our program to attract and retain high achieving students

Approved by Academic Senate
March 6, 2013

through both degrees.

High achieving students with a cumulative GPA of 3.20 or higher may request the accelerated sequence in the fall semester of their junior year. Accelerated computer science students taking graduate courses must follow all policies and guidelines set forth in the Graduate Catalog pertaining to their performance and progress toward the degree.

ENROLLMENTS

In the table below, summarize enrollment and degrees conferred projections for the program for the first- and fifth-years of operation. If possible, indicate the number of full-time and part-time students to be enrolled each fall term in the notes section. If it is not possible to provide fall enrollments or fall enrollments are not applicable to this program, please indicate so and give a short explanation.

Table 1

STUDENT ENROLLMENT AND DEGREE PROJECTIONS FOR THE PROPOSED PROGRAM		
Category	Year One	5th Year (or when fully implemented)
Number of Program Majors/Minors (Fall Headcount)	5	10
Annual Full-time-Equivalent Majors/Minors (Fiscal Year)	5	10
Annual Number of Degrees Awarded	5	10

Add any relevant notes for the enrollment table 1 (Students are to be enrolled in a cohort; all students will be enrolled part-time; etc.) as an attachment

Budget Rationale (as an attachment; include corresponding data in Table 2)

Provide financial data that document the department or school's capacity to implement and sustain the proposed program and describe the program's sources of funding.

- a. Is the unit's (College, Department, School) current operating budget (contractual, commodities, equipment, etc.) adequate to support the program when fully implemented? If "yes", please explain. If new resources are to be provided to the unit to support the program, what will be the source(s) of these funds? **[Table 2 – Section 1]**

In the first five years of the program, we do not anticipate the need for additional resources as the students who enroll in the accelerated sequence are simply transitioning over from the regular sequence.

- b. What impact will the new program have on faculty assignments in the department? Will current faculty be adequate to provide instruction for the new program? Will additional faculty need to be hired, either for the proposed program or for courses faculty of the new program would otherwise have taught? If yes, please indicate whether new faculty members will be full-time or part-time faculty, tenure

track or non-tenure track faculty.

[Table 2 – Section 2]

While our MSCS program is experiencing very high enrollment, we expect by the time students are admitted into this sequence's require graduate courses, MSCS enrollment will be managed (new admissions criteria will be developed and implemented during fall 2022). We do not anticipate the need to hire additional faculty within the first five years. While designing an additional path into the MSCS may seem risky (in terms of stretching our available resources), we believe the need to target and attract the best CS students into both our undergraduate and masters CS programs outweighs this risk. Further, given the almost exclusively international makeup of our MSCS program, finding ways to also admit domestic students will improve outcomes for our international students through the diversity of thought and experience this brings to our classroom, thus improving the overall reputation of our relatively new MSCS program.

- c. Will current staff be adequate to implement and maintain the new program? If "yes", please explain. Will additional staff be hired? Will current advising staff be adequate to provide student support and advisement, including job placement and or admission to advanced studies? If additional hires will be made, please elaborate. [Table 2-Section 2]

Similar to above, students are already enrolled in the department and working with the academic advisor. Although the nature of those advising conversations will change, we will not have more students in the undergraduate program.

- d. Are the unit's current facilities adequate to support the program when fully implemented? Will there need to be facility renovation or new construction to house the program? (For a new degree program describe in detail the facilities and equipment available to maintain high quality in this program including buildings, classrooms, office space, laboratories, equipment and other instructional technologies for the program). **[Table 2 – Section 3]**

We do not anticipate any changes to our current facilities because of these changes.

- e. Are library resources adequate to support the program when fully implemented? Please elaborate.

Yes, library resources are adequate. We already devote resources to our undergraduate and graduate programs. Since we are not creating new courses, we do not need new resources beyond what the library already provides.

- f. Are there any additional costs not addressed in items a. – d.? If "yes" please explain. **[Table 2 – Section 4]**

- g. Are any sources of funding temporary (e.g., grant funding)? If so, how will the program be sustained once these funds are exhausted?

We do not anticipate additional costs within the first five years of the program.

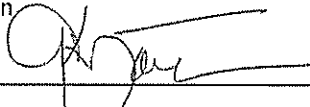
- h. If this is a graduate program, discuss the intended use of graduate assistantships and where the funding for assistantships would come from.
This is not a graduate program. Accelerated students, once admitted into the masters program, will be eligible for graduate assistantships. Funding for graduate teaching assistantships will come from our GR allocation for graduate assistantships.

Table 2: RESOURCES REQUIREMENTS

TABLE 2

ESTIMATED COSTS OF THE PROPOSED PROGRAM- Only new resources not currently available to the program			
Category	Unit of Measurement	Year One	5 th Year (or when fully implemented)
Section 1: Operating Expenses			
Including but not limited to: Contractual, Commodities, Equipment, etc.	\$	\$0	\$0
Section 2: Personnel			
Faculty	FTE	#0	#0
Faculty	\$	\$0	\$0
Other Personnel Costs – All Staff excluding Faculty	\$	\$0	\$0
Section 3: Facilities			
Including but not limited to rental, maintenance, etc.	\$	\$0	\$0
Section 4: Other Costs (itemized)			
•	\$	\$	\$
•	\$	\$	\$
•	\$	\$	\$
•	\$	\$	\$
•	\$	\$	\$
Total	\$	\$0	\$0

Routing and action summary – in sequential order:

1. _____ Elahe Javadi _____	06/15/2022
Department/School Curriculum Committee Chair	Date Approved
2. <u>Traci Carte</u> _____	06/16/2022
Department Chairperson/School Director	Date Approved
3. <u>Todd McLoda</u> _____	07/06/2022
College Dean	Date Approved
4.  _____	08/02/2022
Provost	Date Approved
5. <u>Ding Sattler</u> _____	9/23/22
College Curriculum Committee Chairperson	Date Approved
6. _____	_____
Teacher Education Council Chair	Date Approved
7. _____	_____
University Curriculum Committee Chairperson	Date Approved

Once approved, include this form with the curricular proposal for the new program.