Memorandum

To:	Faculty Senate
	Seton Hall University
From:	Katia Passerini, Ph.D.
	Katia Passerini
	Provost and Executive Vice President
Re:	3+2 in Computer Science and Data Science
	2021-FS-10
Date:	June 24, 2021

We are in receipt of *2021-FS-10,* approving the proposal for a 3+2 Accelerated (Dual Degree) Program for B.S. in Computer Science with M.S. in Data Science. The Faculty Senate approved this certificate at its April 23, 2021 meeting.

This program would attract current Computer Science students to continue graduate education at Seton Hall to compete a Master of Data Science degree rather than doing so with a competitor. It may also boost our enrollment in the Computer Science major. Data science is an area where students have found attractive internships, indicating a professional demand for graduates of this program. The proposal indicates that both degree programs can accommodate additional students. For example, the undergraduate degree program in computer science can absorb up to 10 more students without needing any additional staff or teaching materials, assuming the existing term and tenure track positions are filled. The proposal asserts that this dual degree program differs sufficiently from the skills a student would obtain through the MS in Business Analytics. The proposal also asserts that data science can absorb any extra students, even considering the other dual degree programs recently approved or in the process of being developed. This degree may be offered as long as the Master of Data Science program remains viable given its own sunsetting clause; data science has goals to be contributing a margin to the College by Fall 2022 with a total enrollment of 28, an incoming cohort of 18, and 80% retention. Notably, the application to the APC noted that qualified candidates for this program apply and can be accepted during their junior year in the undergraduate Computer Science major All of this must be carefully described in the catalogue and updated going forward. The program should supply the Registrar with the appropriate information.

We note this proposal passed through the appropriate process, being approved, the by the Chair of Computing and Decision Sciences, the Educational Policy Committee, the Dean of the School of Arts and Sciences, the Dean of Libraries, and the Academic Policy Committee prior to being approved by this office.

In particular, the Dean confirmed that there are adequate resources available for this program; we expect this includes resources for advising and for any necessary advertisement. The enrollment statistics for the program will be reviewed annually to ensure that we have adequate resources to support the program and that the program remains an attractive option for students.

With these conditions, the 3+2 Accelerated (Dual Degree) Program for B.S. in Computer Science with M.S. in Data Science is approved.