

Computer Science Department

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To: Professor Eldredge, FEC Chair

From: Richard Korf, Vice Chair for Undergraduate Programs, Computer Science
Department
Glenn Reinman, Vice Chair for Graduate Programs, Computer Science
Department
Adnan Darwiche, Chair of Computer Science Department

Date: March 8, 2019

Re: CS CM124/224 Course Name Change, Request for Approval

We propose a name change to Computer Science CM124 from Computational Genetics to Machine Learning Applications in Genetics. We request that this change takes effect for Fall 2019.

Regarding the course name revision to Computer Science CM124:

Over the last decade, the field of computational genetics transformed into a data driven/data science field. The instructor of record (E. Halperin) is working to keep the course up to date and make sure they teach methodologies that are relevant for the analysis of genetics data today, as opposed to methods used 10 years ago. Since the shift of these methods is more into data science and machine learning, it is more appropriate to change the name of the course accordingly so that students will have a better understanding of the course content based on its name.

The 4-person Academic Policy Committee was unanimous in recommending this change to the faculty. Faculty expressed no dissent at the time the topic was raised, as the change reflects the recommendation of the Computational Systems Biology program.

We appreciate your kind consideration.