

**Brief Notes – approved 12/7/2021**

College of Letters & Science Academic Planning Council

November 23, 2021, 1:00-1:45 p.m., 52 Bascom Hall

Location: virtual

Chair: Dean Eric Wilcots

Members present: Lori Kido-Lopez, Jeremy Morris, Eric Grodsky, Rebecca Forbes-Wank, Kris Olds, Christy Tremonti, Jeanne Hamers, Stephen Gammie, Daniel Grabois, Jeanne Hamers, Charo D’Etcheverry, Andrea Arpaci-Dusseau

Members absent: William Cox

Observers present: Kristin Eschenfelder, Cal Bergman, Gloria Mari-Beffa, James Montgomery

*Please note: this meeting will be convened in joint session with the L&S Curriculum Committee. All governance actions, if any, will be taken as separate motions and votes.*

**1. Academic Program Actions (a) Computer Sciences: Notice of Intent to Offer a New Graduate Degree, MS-Data Engineering. Lumen Programs Proposal: <https://next-guide.wisc.edu/miscadmin/?key=117>**

*Guest: Remzi Arpaci-Dusseau, Professor and Chair, Computer Science.* EW led discussion. He noted this program will focus on the creation and collection of data; in distinction to the recently proposed MS Data Science program that will focus more on using and analyzing existing data. An opportunity conversation with the US Army is providing some of the impetus for creating the new program. However, we anticipate strong interest from other student audiences as well. KE noted the program will be revenue-generating, require 30 credits, and will be administered by the Computer Science department. RA added that the Computer Science department has strong faculty expertise in data engineering. Given the trends of enterprises using data-driven decision-making, there is high demand for students with data engineering knowledge.

In joint discussion, members asked about the gap this program is filling. KE noted the required courses already exist; this program organizes them to provide students with a clear pathway to specialize in Data Engineering. Members also asked about what influence the Army may have (or expect) over the curriculum. RA noted the Army may require their students to take a particular pathway through course choices available to them, but otherwise they will not have influence over the curriculum. In the joint session, L&S Curriculum Committee members approved a motion to recommend approval of the NOI to the L&S APC. The L&S Academic Planning members approved the NOI proposal to a new MS Data Engineering.

Meeting adjourned 1:45 pm.