The Duke Mathematics Department and the Information Initiative at Duke (iID) are soliciting proposals for classes in Mathematics and the Mathematical sciences to be team taught by two faculty members, one from Mathematics and one from a second department.

We will consider all levels and types of classes while paying particular attention to those proposals which add a new dimension to the undergraduate curriculum. Funds will be available to compensate the partner department for teaching replacement.

The possible themes listed are included only to start the process of making connections, and we look forward to unexpected proposals.

Applications should include a course syllabus, a teaching plan, and the CVs of the faculty members involved. Proposals may be for 2015-2016 as well as later years.

- Encryption and Ethics
- Forensic Analysis of Signals and Images
- Elegance and the Mathematical Esthetic
- Dynamical Systems and Epidemiology
- Mathematics and Social Networks
- Mathematics and Policy of Climate Change
- Phase Transitions in Computation and Algorithms
- Modeling the Physical and Biological World
- Mathematics and Decision-Making
- History of Mathematics
- Cryptography: Theory and Implementation
- Math in the Media

Email proposals to Kathy Peterson <kathy.peterson@duke.edu> - Review begins April 15th