

SUMMARIES OF PROGRAMMATIC PROPOSALS

Master of Science Degree in Computational Biology and Molecular Biophysics

The program (formerly known as BioMaPS) has not had authority to offer the M.S. degree. The proposal asks for such authority and describes minimum requirements.

Environmental Engineering Option in the Environmental Sciences M.S. and Ph.D. programs

The Environmental Sciences program has substantial faculty strength in environmental engineering that is complementary to that in the program in Civil and Environmental Engineering. It wishes to offer a track in that field. The program in Civil and Environmental Engineering has endorsed this proposal as helpful to them and as a step toward better coordination and collaboration.

Environmental Geosciences Option in the M.S. in Geological Sciences

This option would address a need for professionals in the state and region and would be synergistic with programs in engineering and environmental sciences.

Master of Science Option in Mathematical Finance in the Graduate Program in Mathematics

This option would address a demand for high end mathematical work in the field of finance and reflects a national trend in the field. Students would be admitted specifically into this option and would pay a premium in their tuition rate.

Coordinated Graduate Program in Plant Sciences with the University of São Paulo

This entails no changes in degree requirements but rather sets up a mechanism to accommodate students from Brazil who might work at Rutgers in connection with their degrees at the home institutions and vice versa. There are existing research ties between the two in this area.