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04988. *So, why do you require Calculus?*

At Unity College, an small environmental sciences college, Calculus I is required by several programs: Wildlife, Wildlife Biology, Aquaculture and Fisheries, Environmental Biology, Environmental Science, and Marine Biology. It is also highly advised for promising students who wish to pursue graduate studies. Faculty advising students in these and other natural resource and sustainability-related majors readily recognize and champion Statistics as a need, but why do they require Calculus? What are they expecting from us, and how do we best serve these students? Cross-disciplinary survey and interview results are presented as well as resulting modifications to curricular approaches for both Calculus I and Calculus II. (Received September 11, 2011)