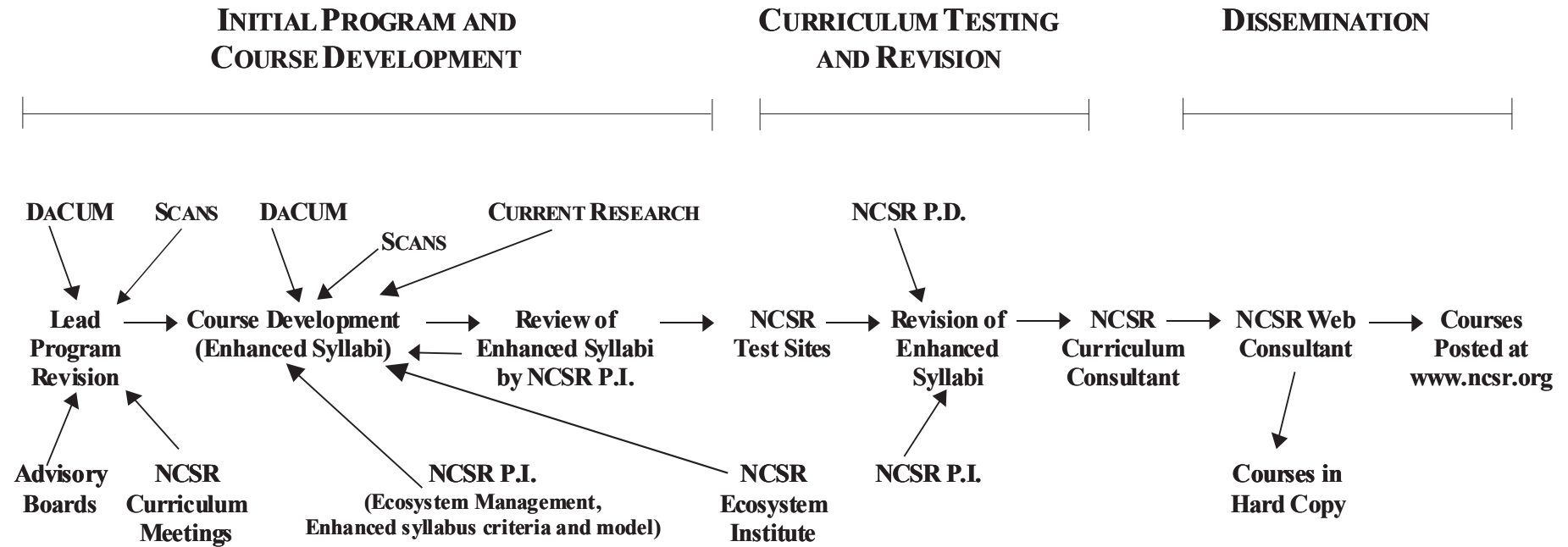




NCSR CURRICULUM DEVELOPMENT MODEL



DESCRIPTION:

NCSR curriculum development began with the identification of “lead programs” in major natural resource areas - Forestry, Fisheries, Wildlife, and Agriculture. Using input from DaCUM’s (Developing a Curriculum), program advisory boards, program faculty and NCSR personnel these programs were evaluated and revised to meet NSF/ATE program guidelines. Where necessary, existing courses were revised and re-sequenced, prerequisites were clarified and new courses were identified that needed to be developed. Course revision and new course development was conducted by faculty in lead programs using input from a number of sources including DaCUM’s, science education standards and current research. NCSR’s P.I. provided a summary of ecosystem management as a guiding theme and criteria for the documentation of curriculum development efforts (i.e., enhanced syllabi). Most faculty also attended NCSR’s Ecosystem Institute, a professional development opportunity that focuses on the application of ecosystem management to natural resource management. Enhanced syllabi were reviewed by the P.I. and returned to the originators for revision. Completed enhanced syllabi were then sent to community colleges with similar programs (test sites) where they were to be reviewed and implemented to the greatest degree possible. Results from this testing process were used by a curriculum consultant under the supervision of NCSR’s P.D. and P.I. to make final modifications to the enhanced syllabi. Final enhanced syllabi are either posted on NCSR’s web site by a web consultant or produced in hard copy or both.