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Barbara A Wainwright*, Dept. of Mathematics & Computer Science, Salisbury University,
1101 Camden Ave., Salisbury, MD 21801. *Opportunities for Statistics Students: Undergraduate
Requirements, Research, Internships, and Future Employment*. Preliminary report.

Introductory statistics is now required or recommended for many undergraduate degrees. These courses should prepare individuals to at least be informed consumers of statistics, i.e., be able to read and understand research in their field. What about students who wish to focus on statistics as a possible career? This paper will describe the statistics curriculum for an undergraduate mathematics major with a concentration in statistics. This curriculum includes not only Mathematical Statistics I and II, but also intermediate courses in survey design and sampling and regression analysis as well as upper level courses in design of experiments and other advanced topics in statistics. All students in the program must also complete an internship or undergraduate research project. A discussion of some of these more recent interdisciplinary experiences that have been available to students will also be included. This presentation may be of interest to those wishing to develop an undergraduate program in Statistics or wish to involve students in interdisciplinary projects. (Received August 27, 2014)