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Chung, Diaconis, and Graham introduced Universal cycles as a generalization of de Bruijn cycles to combinatorial structures other than  $m$ -ary words. For instances not having such cycles, Godbole, Knisley, and Norwood introduced the relaxation of  $k$ -overlap cycles, where  $k$  measures the overlap size. In their book, *Ordering Block Designs*, Dewar and Stevens outline a number of applications for such listings of the blocks of a design. As an extension of Dewar's result for rank two Universal cycles of Steiner triple systems, we prove the existence of 1-overlap cycles for automorphism free Steiner triple systems of each possible order (for which Steiner triple systems exist). We do the same for Steiner quadruple systems with more than 4 varieties. (Received September 15, 2013)