Let $S_1,\ldots,S_N$ be any given collection of codimension 2 smooth submanifolds of arbitrarily complicated topology in the round sphere $\mathbb{S}^n$, $n \geq 3$ (N being the complex dimension of the spinor bundle). In this talk I will show that there is always an eigenfunction $\psi:=(\psi_1,\ldots,\psi_N)$ of the Dirac operator for which each submanifold $S_j$ is (modulo ambient diffeomorphism) a structurally stable nodal set of the spinor component $\psi_j$. The result holds for any choice of trivialization of the spinor bundle.