

1056-E5-1200 **Michael Dorff*** (mdorff@math.byu.edu), Department of Mathematics, Brigham Young University, Provo, UT 84602. *“Introduction to Being a Math Major” seminar.*

We will discuss our “Introduction to Being a Math Major” seminar which this fall semester has 85 students enrolled in it. The seminar for beginning math majors at Brigham Young University discusses: (a) scholarships, undergraduate research, departmental activities, and summer programs available to math majors; (b) some current research ideas in mathematics; (c) the culture of mathematics; and (d) career options available to math majors. For the career options, we invite 4-5 guest speakers who have a degree in mathematics and who work in a non-teaching career (e.g., lawyer, medical doctor, operations researcher, actuary, NSA employee, etc.). These speakers spend 45 minutes talking about these careers and how mathematics has helped them in these careers. These talks are open to all students and are very popular with the average attendance being about 150 people. (Received September 21, 2009)