

1135-VB-2630 **Mariah Birgen*** (mariah.birgen@wartburg.edu), 100 Wartburg Blvd., Waverly, IA 50677, and
Jeannie Dees (jeannie.dees@wartburg.edu), 100 Wartburg Blvd., Box 0519, Waverly, IA
50677. *Learning the History of Mathematics in the British Isles: A Travel Course.*

There is a great deal of information that can be learned about any particular topic by reading books in the field. However, if you really want to learn something it is more effective to participate in active research. The Historical Roots of Math and Physics in the British Isles is a course taught at Wartburg College (Iowa) that takes students to the same towns and universities that were occupied by the famous practitioners. Students learn about Herschel's astronomy in the townhouse where he did the observations. Students read Hamilton's workbooks on calculus in Dublin. Students experience the working replica of the Colossus used to decrypt the Lorenz cipher at Bletchley Park.

This talk will cover some of the most accessible and affordable places to learn about the history of math and its cousins in England, Ireland, and Scotland. If time permits, you will also learn about some of our mistakes from which you are welcome to learn. (Received September 26, 2017)