

**DOCTORAL DEGREE REQUIREMENTS**

General policies for all University of Oklahoma doctoral programs are available in the [Graduate College Bulletin](#).

**DOCTOR of PHILOSOPHY**

D690/R451

**MAJOR:** Microbiology

**CONCENTRATION:** Microbiology – Standard

Program effective **Summer 2016**

**TOOLS of RESEARCH**

Students must present two (2) undergraduate courses that enhance written & oral communication skills, and/or quantitative skills. Does not count toward degree program.

**COURSEWORK REQUIREMENTS**

*Independent Research Course Limitations:* Maximum of 6 hours with one instructor, but not more than 12 hours combined under one course number.

**Required Courses**

MBIO 5971 Seminar in Microbiology..... 3 hours  
2 hours of MBIO 5971 taken for the master’s degree may be applied.

Outside Courses..... 3 hours  
Credit hours of non-microbiology coursework as approved by the dissertation advisory committee. Plant Biology courses may be used as long as they are not cross-listed with Microbiology.

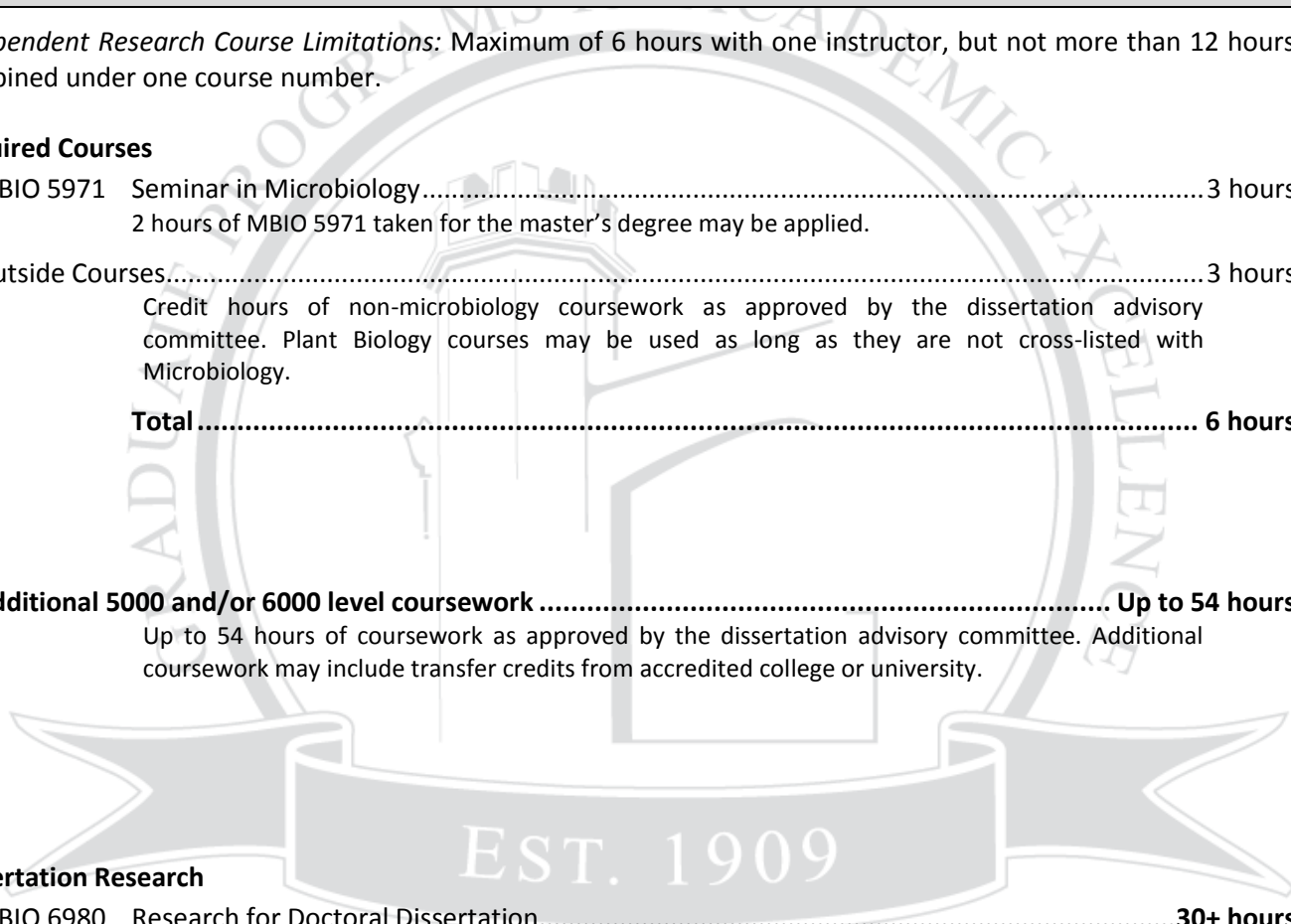
**Total**..... **6 hours**

**Additional 5000 and/or 6000 level coursework**..... **Up to 54 hours**  
Up to 54 hours of coursework as approved by the dissertation advisory committee. Additional coursework may include transfer credits from accredited college or university.

**Dissertation Research**

MBIO 6980 Research for Doctoral Dissertation.....**30+ hours**  
30 hours minimum

**TOTAL**.....**90 hours**



THE UNIVERSITY OF OKLAHOMA  
GRADUATE COLLEGE