Twenty-five master's degrees are offered in the College along with 15 doctoral degrees. For details, see the departmental entries that follow or consult the 'Graduate College' section in the Catalog.

- Applied Mathematics, MS (http://catalog.okstate.edu/arts-sciences/mathematics/#graduateprogramstext)
- Applied Statistics, MS (http://catalog.okstate.edu/arts-sciences/statistics/#graduateprogramstext)
- Art History, MA (http://catalog.okstate.edu/arts-sciences/art-graphic-design-art-history/#graduateprogramstext)
- Chemistry, MS/PhD (http://catalog.okstate.edu/arts-sciences/chemistry/#graduateprogramstext)
- Communication Sciences and Disorders, MS (http://catalog.okstate.edu/arts-sciences/communication-sciences-disorders/#graduateprogramstext)
- Computer Science, MS/PhD (http://catalog.okstate.edu/arts-sciences/computer-science/#graduateprogramstext)
- Creative Writing, MFA (http://catalog.okstate.edu/arts-sciences/english/#graduateprogramstext)
- English, MA/PhD (http://catalog.okstate.edu/arts-sciences/english/#graduateprogramstext)
- Geography, MS/PhD (http://catalog.okstate.edu/arts-sciences/geography/#graduateprogramstext)
- Geology, MS/PhD (http://catalog.okstate.edu/arts-sciences/geology/#graduateprogramstext)
- Graphic Design, MFA (http://catalog.okstate.edu/arts-sciences/art-graphic-design-art-history/#graduateprogramstext)
- History, PhD (http://catalog.okstate.edu/arts-sciences/history/#graduateprogramstext)
- Integrative Biology, MS/PhD (http://catalog.okstate.edu/arts-sciences/integrative-biology/#graduateprogramstext)
- Mass Communication, MS (http://catalog.okstate.edu/arts-sciences/media-strategic-communications/#graduateprogramstext)
- Mathematics, MS/PhD (http://catalog.okstate.edu/arts-sciences/mathematics/#graduateprogramstext)
- Medical Physics, MS (http://catalog.okstate.edu/arts-sciences/physics/#graduateprogramstext)
- Microbiology/Cell and Molecular Biology, MS/PhD (http://catalog.okstate.edu/arts-sciences/microbiology-molecular-genetics/#graduateprogramstext)
- Music: Applied Music, MM (http://catalog.okstate.edu/arts-sciences/music/#graduateprogramstext)
- Music: Conducting, MM (http://catalog.okstate.edu/arts-sciences/music/#graduateprogramstext)
- Optics and Photonics, MS (http://catalog.okstate.edu/arts-sciences/physics/#graduateprogramstext)
- Philosophy, MA (http://catalog.okstate.edu/arts-sciences/philosophy/#graduateprogramstext)
- Physics, MS/PhD (http://catalog.okstate.edu/arts-sciences/physics/#graduateprogramstext)
- Plant Biology, MS (http://catalog.okstate.edu/arts-sciences/plant-biology-ecology-evolution/#graduateprogramstext)
- Political Science: Public Policy and Administration, MA (http://catalog.okstate.edu/arts-sciences/political-science/#graduateprogramstext)
- Professional Writing, MA (http://catalog.okstate.edu/arts-sciences/graduateprogramstext)
- Psychology, MS (http://catalog.okstate.edu/arts-sciences/psychology/#graduateprogramstext)
- Psychology: Clinical, PhD (http://catalog.okstate.edu/arts-sciences/psychology/#graduateprogramstext)
- Psychology: Experimental Psychology, PhD (http://catalog.okstate.edu/arts-sciences/psychology/#graduateprogramstext)
- Public History, MA (http://catalog.okstate.edu/arts-sciences/history/#graduateprogramstext)
- Sociology, MS/PhD (http://catalog.okstate.edu/arts-sciences/sociology/#graduateprogramstext)
- Statistics, MS/PhD (http://catalog.okstate.edu/arts-sciences/statistics/#graduateprogramstext)
- Teaching English as a Second Language (TESL), MA (http://catalog.okstate.edu/arts-sciences/english/#graduateprogramstext)
- Theatre, MA (http://catalog.okstate.edu/arts-sciences/theatre/#graduateprogramstext)