The University of Central Missouri is accredited by the Higher Learning Commission (HLC), a member of the North Central Association. For information about HLC Accreditation, contact The Higher Learning Commission, 30 North La Salle Street, Suite 2400, Chicago, IL 60602-2504, telephone 800-621-7440, ncahigherlearningcommission.org.

In addition, UCM has earned the following specialized accreditations:

- Art baccalaureates, National Association of Schools of Art and Design
- Athletic Training baccalaureates, Commission on Accreditation of Athletic Training Education Programs
- Automotive Technology Management, Design and Drafting Technology, Construction Management, Electronics Technology, Graphic Technologies baccalaureates, Association of Technology, Management, and Applied Engineering
- Baccalaureate of Science in Education, Council for Exceptional Children
- Business baccalaureates and graduate programs, The Association to Advance Collegiate Schools of Business (AACSB) International
- Career and Technology Teacher Education baccalaureate, American Association of Family and Consumer Sciences
- Chemistry, Physics, Biology and Earth Science baccalaureate, National Science Teacher Association
- Commission on English Language Program Accreditation (CEA)
- Construction Management baccalaureate, American Council for Construction Education
- Dietetics baccalaureate, American Council for Education in Nutrition and Dietetics
- Educational Leadership; Principal graduate programs, Educational Leadership Constituent Council
- Educational Technology graduate program, Association for Educational Communications and Technology
- Elementary Education baccalaureate, Association for Childhood Education International
- Elementary Education baccalaureate, Early Childhood Education, National Association for the Education of Young Children
- Fashion: Textiles and Clothing in Business baccalaureate, American Association of Family and Consumer Sciences
- Industrial Hygiene graduate and Occupational Safety and Health baccalaureate, Applied Science Accreditation Commission of ABET
- Library and Information Services graduate program, American Library Association
- Literacy graduate program, International Reading Association
- Mathematics baccalaureate, National Council of Teachers of Mathematics
- Middle School-Junior High School baccalaureate, National Middle School Association
- Music baccalaureate and graduate programs, National Association of Schools of Music
- Nursing baccalaureate and graduate programs, Commission on Collegiate Nursing Education
- Physical Education baccalaureate and graduate programs, National Association for Sport and Physical Education
- Professional Pilot, Flight Operations Management, and Airport Management, Aviation Accreditation Board International

- Social Studies baccalaureate in education, National Council for the Social Studies
- Social Work baccalaureate, Council on Social Work Education
- Speech Pathology and Audiology master's program, American Speech-Language-Hearing Association
- Teacher Education baccalaureate and graduate programs, National Council for Accreditation of Teacher Education and the Missouri Department of Elementary and Secondary Education
- Technology and Occupational Education baccalaureate, Council for Technical Teacher Education
- Theatre baccalaureate and graduate programs, National Association of Schools of Theatre