Recipients of honorary degrees from the 1960 to the 1990s are:

1960s

- Stephen L.R. McNichols, governor of Colorado, May 28, 1962
- Father Bernard J. Leeming, S.J., June 3, 1963
- Archbishop James V. Casey, D.D., Archdiocese of Denver, May 22, 1967
- Father Francis J. Reinert, S.J., Boulder, Colorado, 1967, May 22
- Father Richard F. Ryan, S.J., assistant to the president, Marquette University, May 20, 1968

1970s

- Rollo Reese, May 16, 1971
- The Hon. Margaret Chase Smith, May 14, 1972
- Allen du Pont Breck, chair, Department of History, University of Denver, May 1974
- Theodore M. Hesburgh, president, University of Notre Dame, May 1974
- Loren Eiseley, anthropology professor, University of Pennsylvania, May 1975
- Father Patrick F. Flores, auxiliary bishop, San Antonio, May 1975
- Antonia Brico 1975, March 19, 1976
- Father Sheahan, S.J., American assistant to superior general of the
- Society of Jesus, Rome, May 1976
- Father Walter J. Ong, S.J, Saint Louis University, March 24, 1977
- Father C.J. McNaspy, S.J., May 8, 1977
- James D. Palmer, May 8, 1977
- John V. Coyne, November 5, 1977, presented at Centenary Mass
- Father Fred T. Daly, S.J., November 5, 1977, presented at Centenary Mass
- Father Joseph V. Downey, S.J., November 5, 1977, presented at Centenary Mass
- C.H. Kellogg, November 5, 1977, presented at Centenary Mass
- Father Stephen R. Krieger, S.J., November 5, 1977, presented at Centenary Mass
- Father Paul C. Reinert, S.J., Sept. 22, 1977, presented at Mass of the Holy Spirit
- Bishop Richard Hanifen, Diocese of Colorado Springs, December 1979

1980s

- Delores Curran, syndicated Catholic writer, May 1981
- William D. Ruckelshaus, May 2, 1982
- Bishop Arthur N. Tafoya, Diocese of Pueblo, May 2, 1982
- Alfred Boeddeker, O.F.M., May 2, 1982
- Malcolm Knowles, principal theoretician for Regis adult programs, May 1986
- Father Peter Hans-Kolvenbach, superior general of the Society of Jesus, October 15, 1986
- Sen. Mark Hatfield, Oregon, May 1987
- Timothy Healy, president, Georgetown University, September 1987

1990s

- Gresham Riley, president, Colorado College, May 1990
- Frank Newman, president, Education Commission of States, May 5, 1990
- Father John Sobrino, S.J., May 6, 1990
- Peter and Marilyn Coors, Coors Brewing Co., May 4, 1991
- Walt and Georgia Imhoff, May 5, 1991
- Glenn R. Jones, CEO, Jones Intercable, May 2, 1992
- Archbishop J. Francis Stafford, Archdiocese of Denver, May 2, 1992
- Daniel L. Ritchie, chancellor, University of Denver, May 3, 1992
- Roland L. "Sonny" Mapelli, president, Mapelli Meats, May 7, 1994
- Sheldon Steinhauser, May 8, 1994
- Ron B. Bailey, director, Central Catholic High School, December 16, 1995
- Richard O. and Dorothy M. Campbell, former trustees, May 7, 1995
- John V. and Carol A. Saeman, former trustees, May 7, 1995
- Rigoberta Menchu Tum, Nobel Peace Laureate, September 26, 1996
- His Holiness Dalai Lama Tenzin Gyatso, Noble Peace Laureate, Tibet, June 1997
- Mairead Corrigan Magire, Nobel Peace Laureate, March 24, 1998
- Archbishop John Foley (now a cardinal), president of the Pontifical Council for Social Communications, March 25, 1998
- Archbishop Desmond Mpilo Tutu, Nobel Peace Laureate, South Africa, November 1998
- Elizabeth Dole, former president, American Red Cross, February 18, 1999, during 10th Anniversary of RHCHP
- William H.G. FitzGerald, former ambassador of Ireland, March 20, 1999
- Cardinal Paul Shan, S.J., Chinese bishop, May 9, 1999