

Concordia men's team conference titles (6):

1971, 1972, 1997, 2004, 2009, 2012

Concordia men's individual conference titlists (17):

- Dan Cloeter (1970, 1971, 1972, 1973)
- Dave Cloeter (1975)
- Kregg Einstpahr (1979, 1980, 1981)
- Zach Meineke (2008, 2009)
- Colin Morrissey (2012)
- Dana Schmidt (2010)
- Brandon Seifert (1997, 1998, 1999)
- Andrew Walquist (2003, 2004)

Men's Individual NAIA All-Americans (10):

- Dan Cloeter (1970, 1972, 1973)
- Kregg Einstpahr (1979)
- Tommy Grabowski (1995)
- Jeremy Koch (2003)
- Zach Meineke (2008, 2009)
- Dana Schmidt (2009, 2010)
- Brandon Seifert (1997, 1998, 1999)
- Ben Sievert (2013)
- Luka Thor (2005, 2006)
- Andrew Walquist (2003, 2004, 2005)

Concordia women's team conference titles (6):

1995, 1999, 2002, 2004, 2005, 2020

Concordia women's individual conference titlists (7):

- Molly Engel (2002, 2003, 2004)
- Stacey Hain (1998)
- Sharon Holthaus (1980)
- Sarah Kortze (2012)
- Amy Luft (1997)

Women's Individual NAIA All-Americans (10):

- Jacquelyn Dibbern (2004)
- Molly Engel (2002, 2003, 2004)
- Kylahn Freiberg (2023)
- Rachael Geidel (1998, 1999, 2000)
- Amy Luft (1996, 1997)
- Joy Malchow (1988)
- Jennifer Nikkila (2002)
- Michelle Quinlan (2001)

-Sara Schuelke (2002)

-Kelly Waterman (2002)