

| Year | Coach | Overall | | Conference | | | Postseason |
|----------------|----------------------|--------------|-------------|-------------|-------------|-----------------|------------------------------|
| | | W-L | Pct. | W-L | Pct. | Place | |
| 1977-78 | Bob Rachal | 16-18 | .471 | | | | |
| 1978-79 | Gary Bliss | 16-11 | .592 | | | | |
| 1979-80 | Gary Bliss | 13-19 | .406 | | | | |
| 1980-81 | Gary Bliss | 15-11 | .577 | | | | |
| 1981-82 | Harry Larrabee | 21-9 | .700 | 7-3 | .700 | 1st | NCAA First Round |
| 1982-83 | Harry Larrabee | 14-15 | .483 | 5-5 | .500 | 3rd | |
| 1983-84 | Harry Larrabee | 15-13 | .536 | 4-4 | .500 | 3rd | |
| 1984-85 | Harry Larrabee | 16-12 | .571 | 4-4 | .500 | 3rd | |
| 1985-86 | Harry Larrabee | 22-10 | .688 | 8-0 | 1.000 | 1st | NCAA Second Round |
| 1986-87 | Ron Abegglen | 23-7 | .767 | 7-3 | .700 | 2nd | NCAA Second Round |
| 1987-88 | Ron Abegglen | 24-10 | .706 | 7-3 | .700 | 1st | NCAA Runner-Up |
| 1988-89 | Ron Abegglen | 21-9 | .700 | 7-5 | .583 | 2nd | |
| 1989-90 | Ron Abegglen | 22-8 | .733 | 8-2 | .800 | 1st | NCAA First Round |
| 1990-91 | Ron Abegglen | 19-11 | .633 | 5-3 | .625 | 1st | NCAA Second Round |
| 1991-92 | Harry Larrabee | 21-8 | .724 | 6-4 | .600 | 3rd | |
| 1992-93+ | Harry Larrabee | +22-9 | .710 | 7-3 | .700 | 1st | NCAA Second Round |
| 1993-94 | Larrabee/Bruns | 21-10 | .677 | 9-3 | .750 | 1st | NCAA First Round |
| 1994-95 | Charlie Bruns | 16-11 | .593 | 7-5 | .583 | 4th | |
| 1995-96 | Charlie Bruns | 19-9 | .679 | 9-3 | .750 | T-1st | NCAA First Round |
| 1996-97 | Charlie Bruns | 20-8 | .714 | 9-3 | .750 | 1st | NCAA First Round |
| 1997-98 | Charlie Bruns | 16-11 | .593 | 7-5 | .583 | T-2nd | |
| 1998-99 | Charlie Bruns | 17-10 | .630 | 10-4 | .729 | 2nd (Pacific) | Pac West Tourney First Round |
| 1999-00 | Charlie Bruns | 17-9 | .654 | 6-6 | .560 | T-4th (Pacific) | |
| 2000-01 | Charlie Bruns | 19-8 | .704 | 13-5 | .722 | 1st (Pacific) | |
| 2001-02 | Charlie Bruns | 9-18 | .333 | 9-9 | .500 | T-4th | |
| 2002-03 | Charlie Bruns | 13-14 | .481 | 10-8 | .556 | T-4th | |
| 2003-04 | Charlie Bruns | 20-10 | .667 | 10-8 | .556 | T-4th | NCAA First Round |
| 2004-05 | Rusty Osborne | 11-16 | .407 | 5-13 | .278 | T-9th | |
| 2005-06 | Rusty Osborne | 19-12 | .613 | 10-8 | .556 | T-4th | NCAA First Round |
| 2006-07 | Rusty Osborne | 19-9 | .679 | 10-6 | .625 | T-3rd | NCAA First Round |
| 2007-08 | Rusty Osborne | 29-6 | .848 | 16-2 | .889 | 1st | NCAA Semifinals |
| 2008-09 | Rusty Osborne | 15-14 | .517 | 9-7 | .563 | 5th | |
| 2009-10 | Rusty Osborne | 17-10 | .630 | 8-8 | .500 | 5th | |
| 2010-11 | Rusty Osborne | 24-10 | .706 | 13-5 | .722 | 2nd | NCAA Second Round |
| 2011-12 | Rusty Osborne | 23-7 | .767 | 15-3 | .833 | 2nd | NCAA Second Round |
| 2012-13 | Rusty Osborne | 18-9 | .667 | 11-7 | .611 | 3rd | GNAC Quarterfinals |
| 35 years | Totals | 662-391 | .629 | 271-157 | .633 | | |

+Includes forfeit by Chaminate

| | W | L | Pct. |
|------------------------------|------------|-----------|-------------|
| 1-year Rachal Totals | 16 | 18 | .471 |
| 3-year Bliss Totals | 44 | 41 | .518 |
| 5-year Abegglen Totals | 109 | 45 | .708 |
| 7-year Larrabee Totals | 132 | 77 | .632 |
| 11-year Bruns Totals | 186 | 117 | .614 |
| 9-year Osborne Totals | 175 | 93 | .653 |

Charlie Bruns, who accumulated 186 victories from 1993 to 2004, was inducted into the Seawolf Hall of Fame in October 2012.

