

La Salle

| Year | Seed | Opponent | Seed | Score | Opp Score | W | L | OT | Round |
|------|------|-----------------------|------|-------|-----------|----|----|----|-----------------------|
| 1954 | | Fordham | | 76 | 74 | 1 | 0 | 0 | Round of 32 |
| | | North Carolina State | | 88 | 81 | 2 | 0 | 0 | Sweet Sixteen |
| | | Navy | | 64 | 48 | 3 | 0 | 0 | Elite Eight |
| | | Pennsylvania State | | 69 | 54 | 4 | 0 | 0 | National Semifinals |
| | | Bradley | | 92 | 76 | 5 | 0 | 0 | National Championship |
| 1955 | | West Virginia | | 95 | 61 | 6 | 0 | 0 | Round of 32 |
| | | Princeton | | 73 | 46 | 7 | 0 | 0 | Sweet Sixteen |
| | | Canisius | | 99 | 64 | 8 | 0 | 0 | Elite Eight |
| | | Iowa | | 76 | 73 | 9 | 0 | 0 | National Semifinals |
| | | San Francisco | | 63 | 77 | 9 | 1 | 0 | National Championship |
| 1968 | | Columbia | | 69 | 83 | 9 | 2 | 0 | Round of 32 |
| 1975 | | Syracuse | | 83 | 87 | 9 | 3 | 1 | Round of 32 |
| 1978 | | Villanova | | 97 | 103 | 9 | 4 | 0 | Round of 32 |
| 1980 | 11 | Purdue | 6 | 82 | 90 | 9 | 5 | 0 | Round of 64 |
| 1983 | 12 | Boston | 12 | 70 | 58 | 10 | 5 | 0 | Opening Round |
| | 12 | Virginia Commonwealth | 5 | 67 | 76 | 10 | 6 | 0 | Round of 64 |
| 1988 | 13 | Kansas State | 4 | 53 | 66 | 10 | 7 | 0 | Round of 64 |
| 1989 | 8 | Louisiana Tech | 9 | 74 | 83 | 10 | 8 | 0 | Round of 64 |
| 1990 | 4 | Southern Mississippi | 13 | 79 | 63 | 11 | 8 | 0 | Round of 64 |
| | 4 | Clemson | 5 | 75 | 79 | 11 | 9 | 0 | Round of 32 |
| 1992 | 13 | Seton Hall | 4 | 76 | 78 | 11 | 10 | 0 | Round of 64 |
| 2013 | 13 | Boise State | 13 | 80 | 71 | 12 | 10 | 0 | Opening Round |
| | 13 | Kansas State | 4 | 63 | 61 | 13 | 10 | 0 | Round of 64 |
| | 13 | Mississippi | 12 | 76 | 74 | 14 | 10 | 0 | Round of 32 |
| | 13 | Wichita State | 9 | 58 | 72 | 14 | 11 | 0 | Sweet Sixteen |