



# RESEARCH NOTES

## Office of Institutional Research

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Volume 19, Number 2

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### MAJORS AND GENDER DIVERSITY: 1992 TO 2004

In October 2004, the Office of Institutional Research published a study describing JMU changes in student demographics from 1992 to 2003 (see *Continuing Student History, 1992-2003* at: <http://www.jmu.edu/institresrch/StudiesNotesNews.shtml>). A decline in JMU men was one of the largest changes in undergraduate demographics noted over the last decade. This decrease in gender diversity is also consistent with a national trend in higher education.

In fall 2004, gender diversity at JMU continued to decrease. From Fall 1992 to Fall 2004, the degree seeking undergraduate female increase (65 percent) was twice that of males (32 percent). The number of women grew from 55 to 60 percent of degree seeking undergraduates. Between Fall 1992 and Fall 2004, female undergraduate enrollment increased from 5,389 to 8,872 while males grew from 4,398 to 5,805. The number of degree seeking undergraduate males peaked in fall 2002 at 5,930 and declined to 5,805 by fall 2004.

The October 2004 study included some information on change by sex in some of the more popular majors (see Table 10, page 29). Also, charts showing trends in gender by college were included in Appendix B (page 35). Clearly, some programs experienced a greater decline in gender diversity than others.

This research note expands Appendix B of the October 2004 study with charts displaying trends by sex for all undergraduate majors (excepting a few new majors that began in fall 2004). It is a very interesting and unique collection. It should help the JMU community to better understand relationships between programs and gender diversity. The overall change in undergraduates by sex is included in the first chart and serves as a visual reference for comparison to the changes by major.

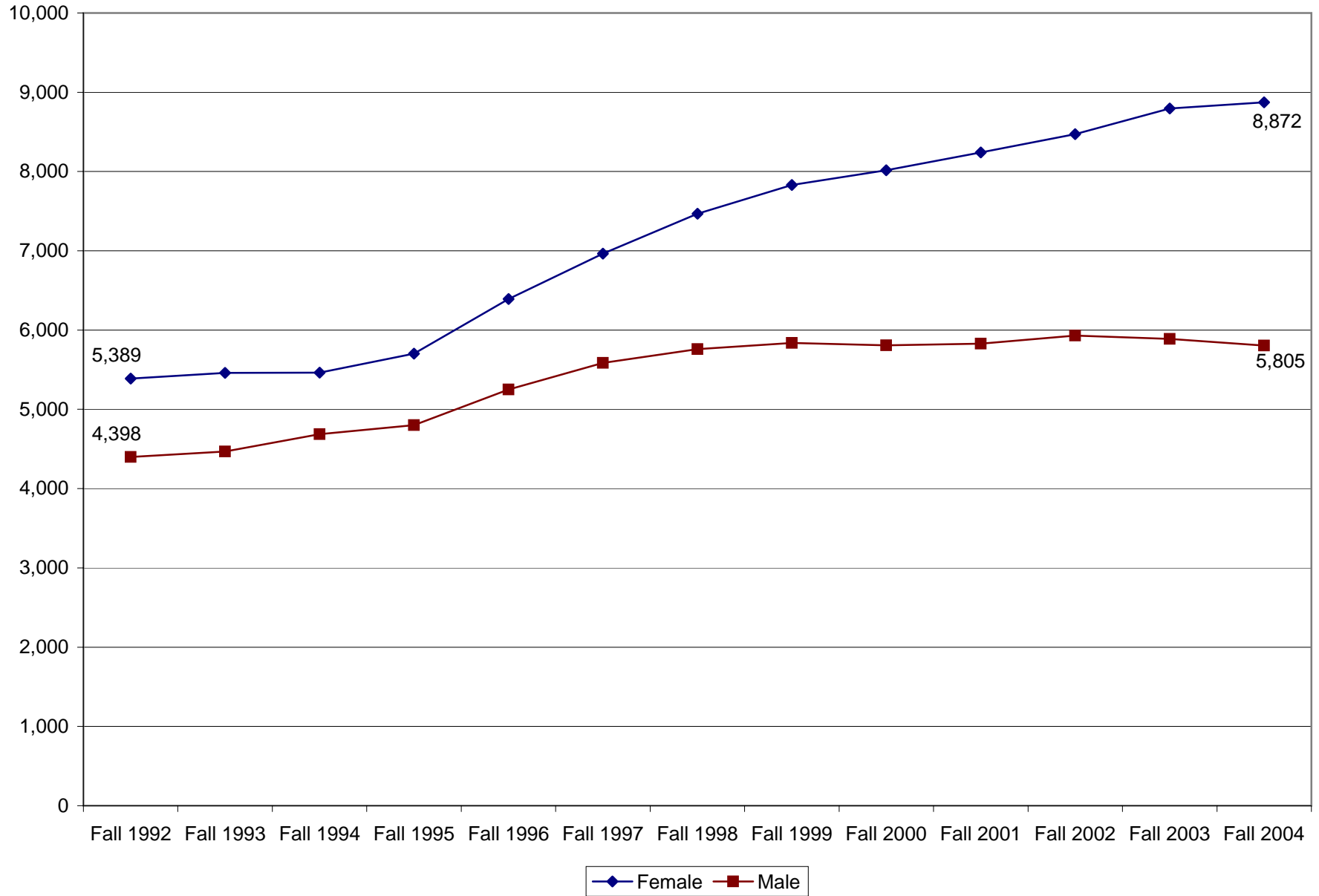
#### About the Data Sources and Changes Over Time:

The following charts are derived from fall census data files collected for state and federal reports. They use major names and college structures as found in the JMU *Statistical Summary 2004-05*. Old and discontinued majors appropriate for inclusion in the counts are noted in the titles. A few notes are included when a significant policy, data or program change interrupted the timeline. Most of these are programs that began to use “preparatory” designators. Initially, these “preparatory majors” were counted as “undeclared” in the fall census data. In fall 2004, policy and system data changed to include preparatory students in the census major counts. A list of these programs is also found in the *Continuing Student History, 1992-2003* (page 15).

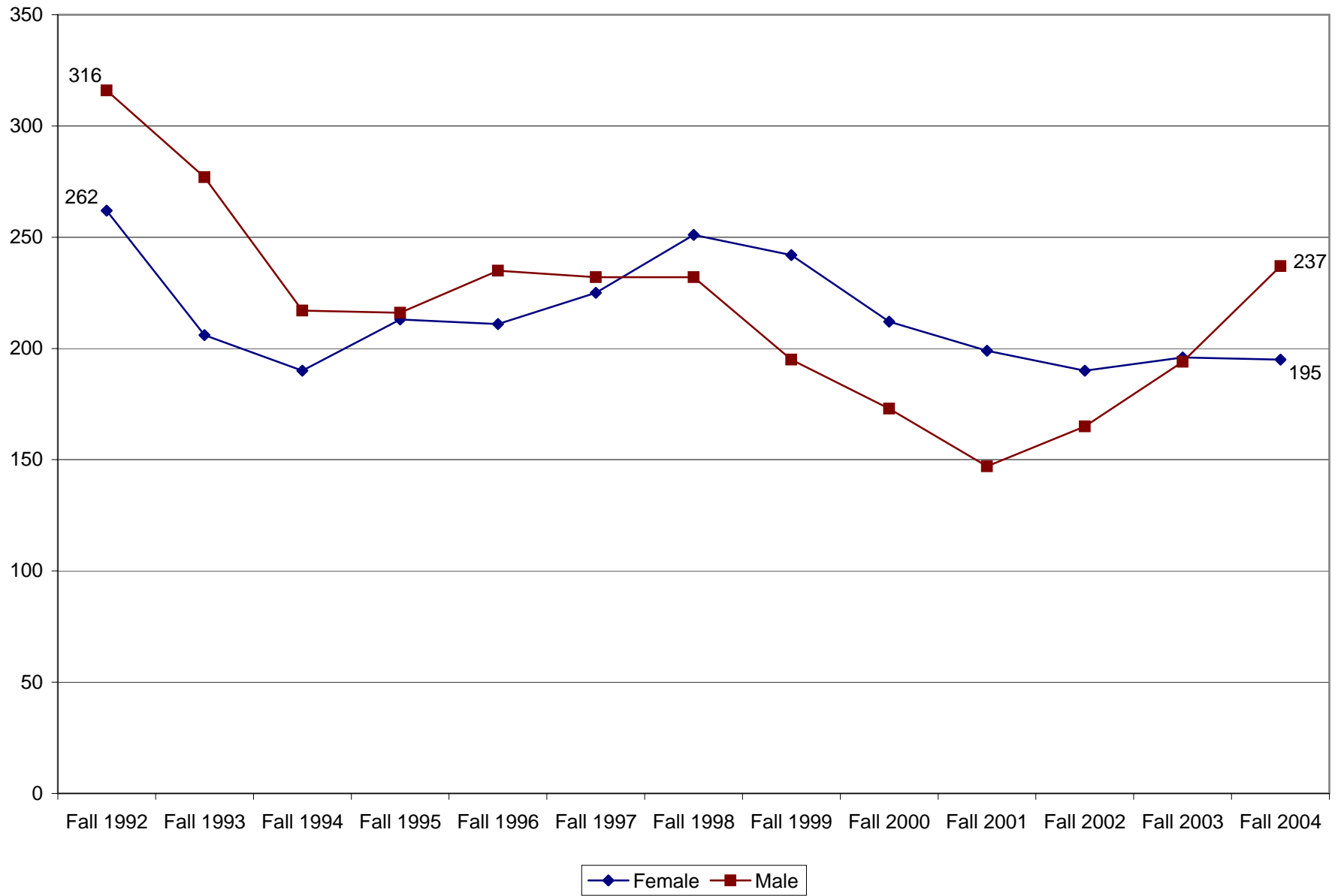
The charts are published in alphabetical order. If you are using the Adobe Acrobat electronic copy of this document, be sure to use the bookmark feature to quickly navigate between the charts.

Questions about this research note should be addressed to Mr. Chuck DeHart, Assistant Director of Institutional Research ([dehartcg@jmu.edu](mailto:dehartcg@jmu.edu)).

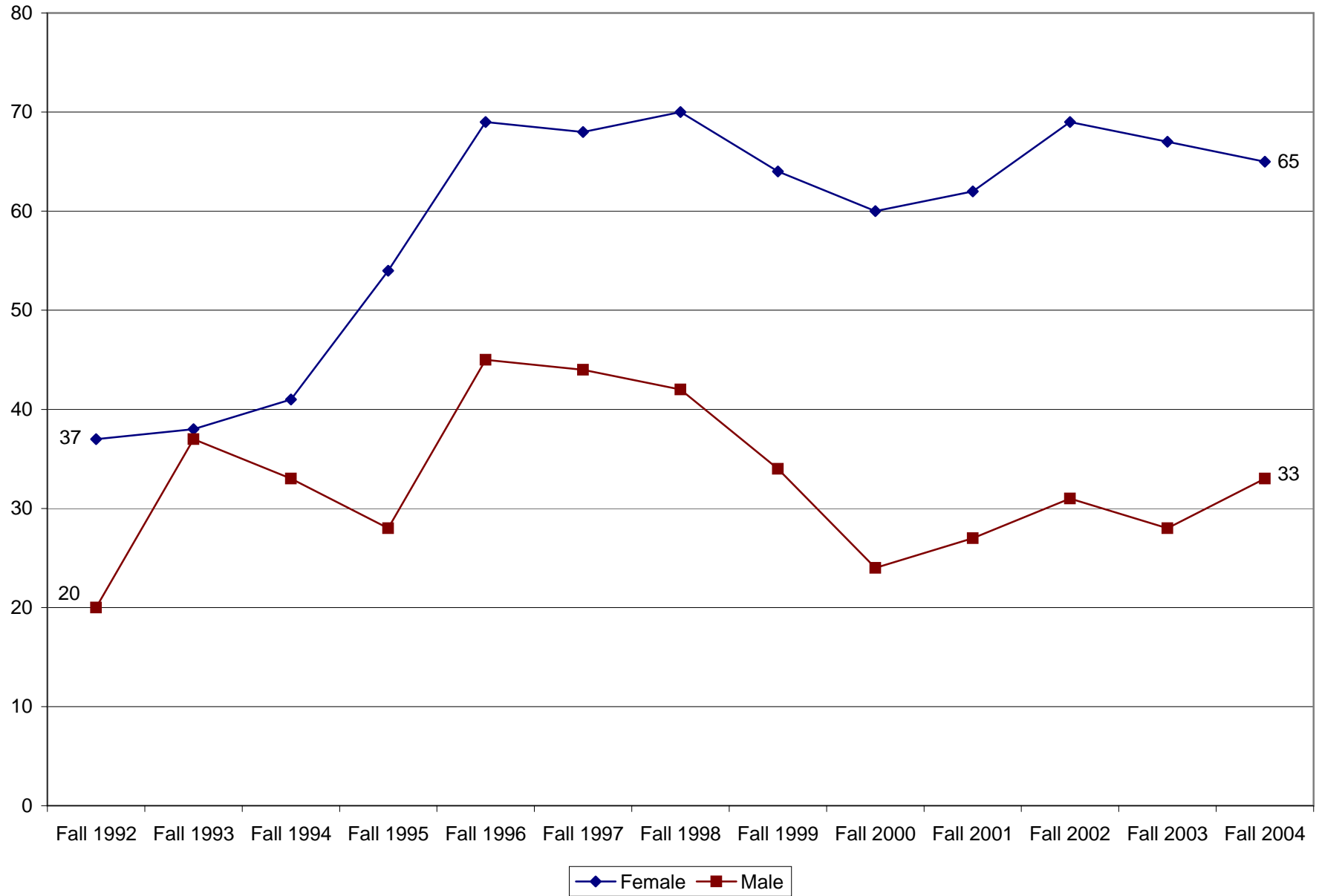
### JMU Undergraduate Majors by Sex: Fall 1992 to Fall 2004 All Degree Seeking Undergraduates



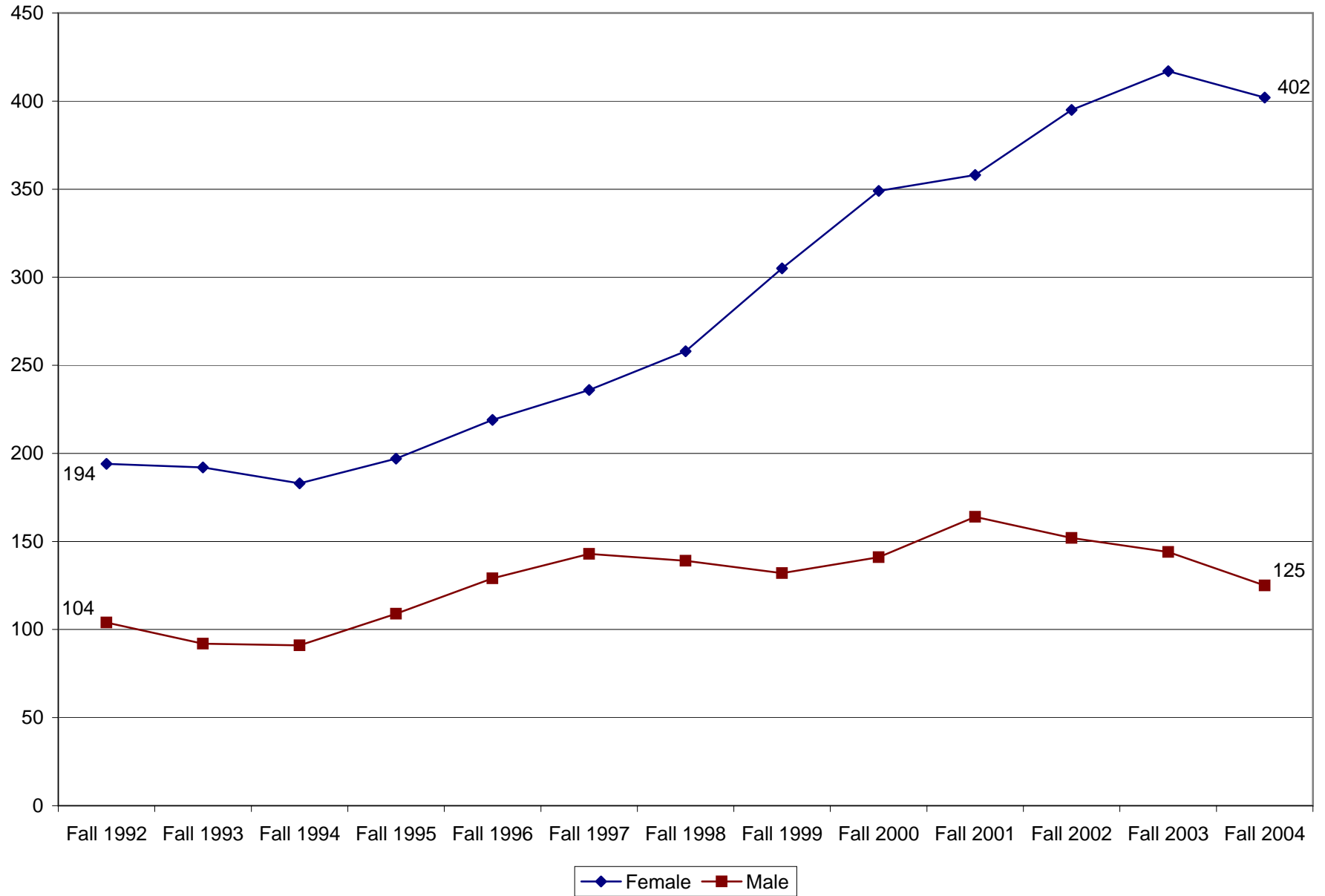
**JMU Undergraduate Majors by Sex: Fall 1992 to Fall 2004**  
**Accounting**



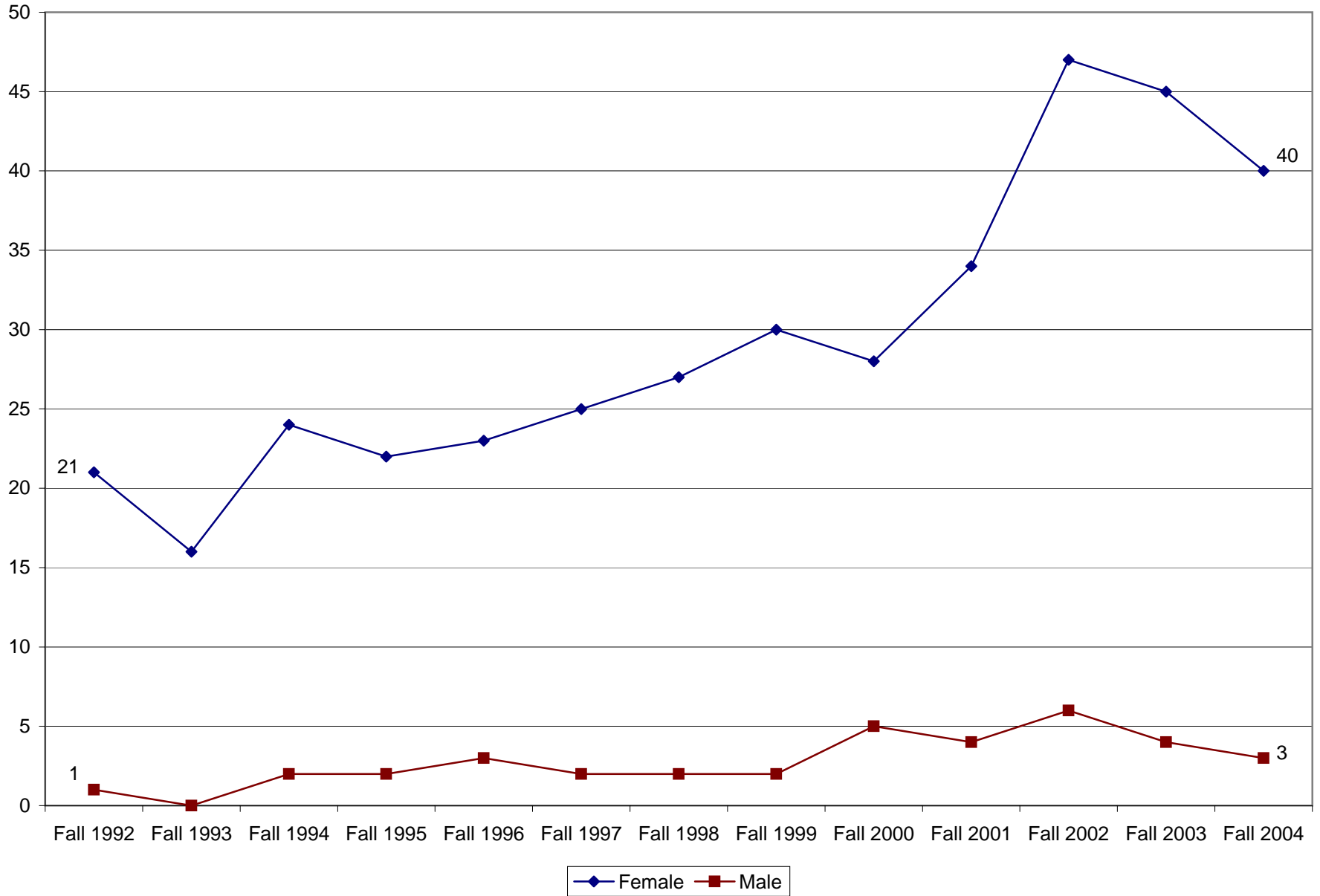
**JMU Undergraduate Majors by Sex: Fall 1992 to Fall 2004**  
**Anthropology**



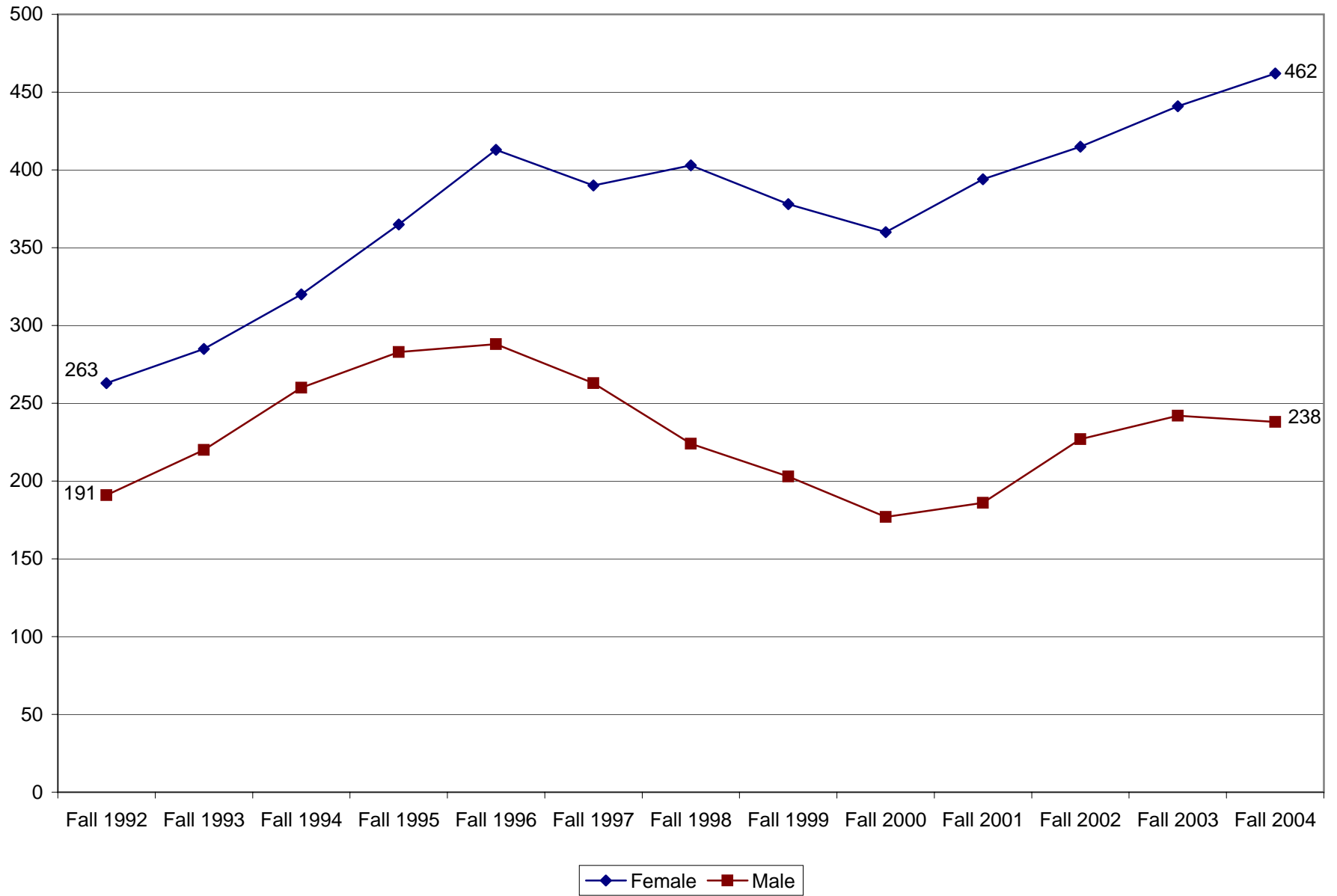
### JMU Undergraduate Majors by Sex: Fall 1992 to Fall 2004 Art



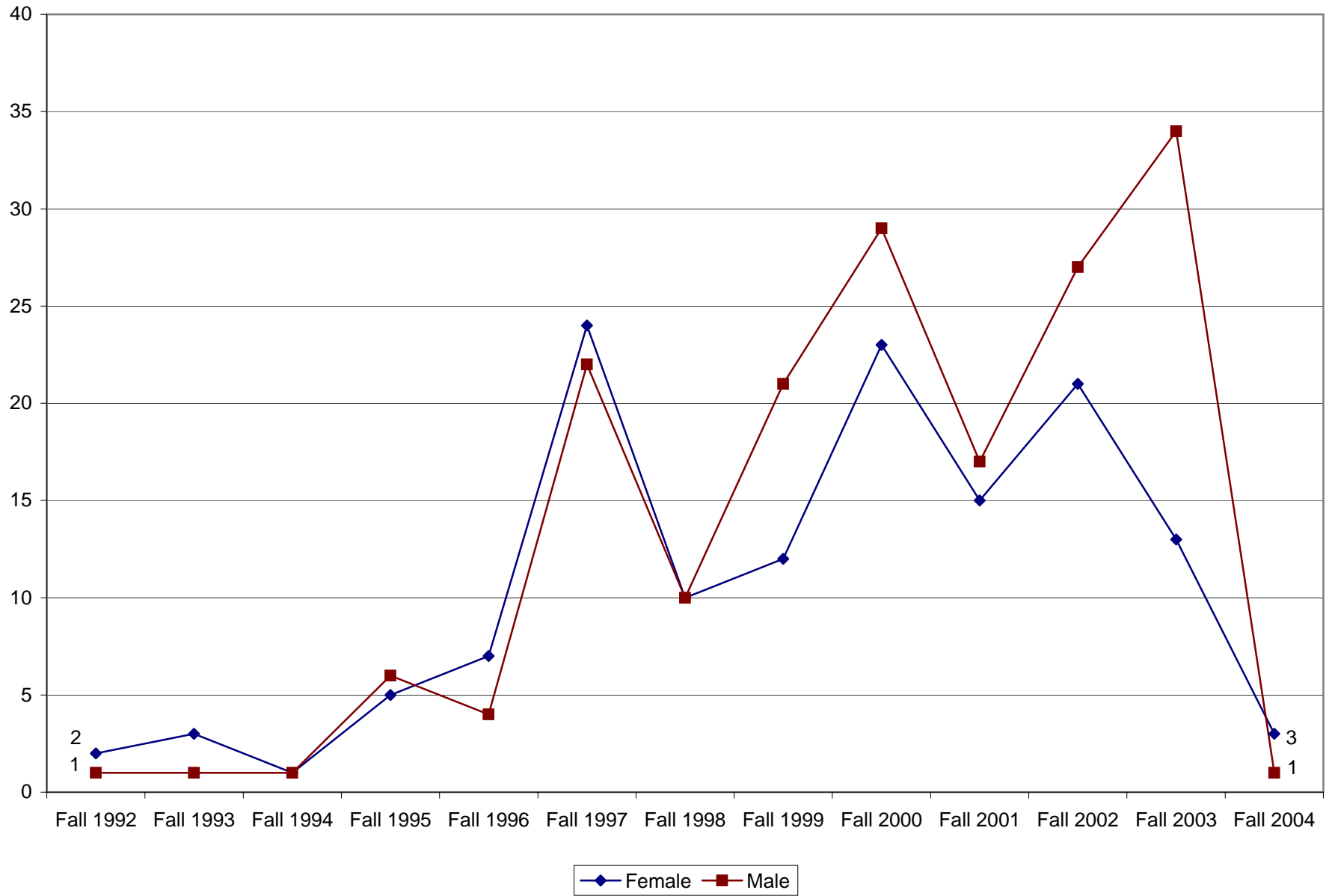
**JMU Undergraduate Majors by Sex: Fall 1992 to Fall 2004**  
**Art History**



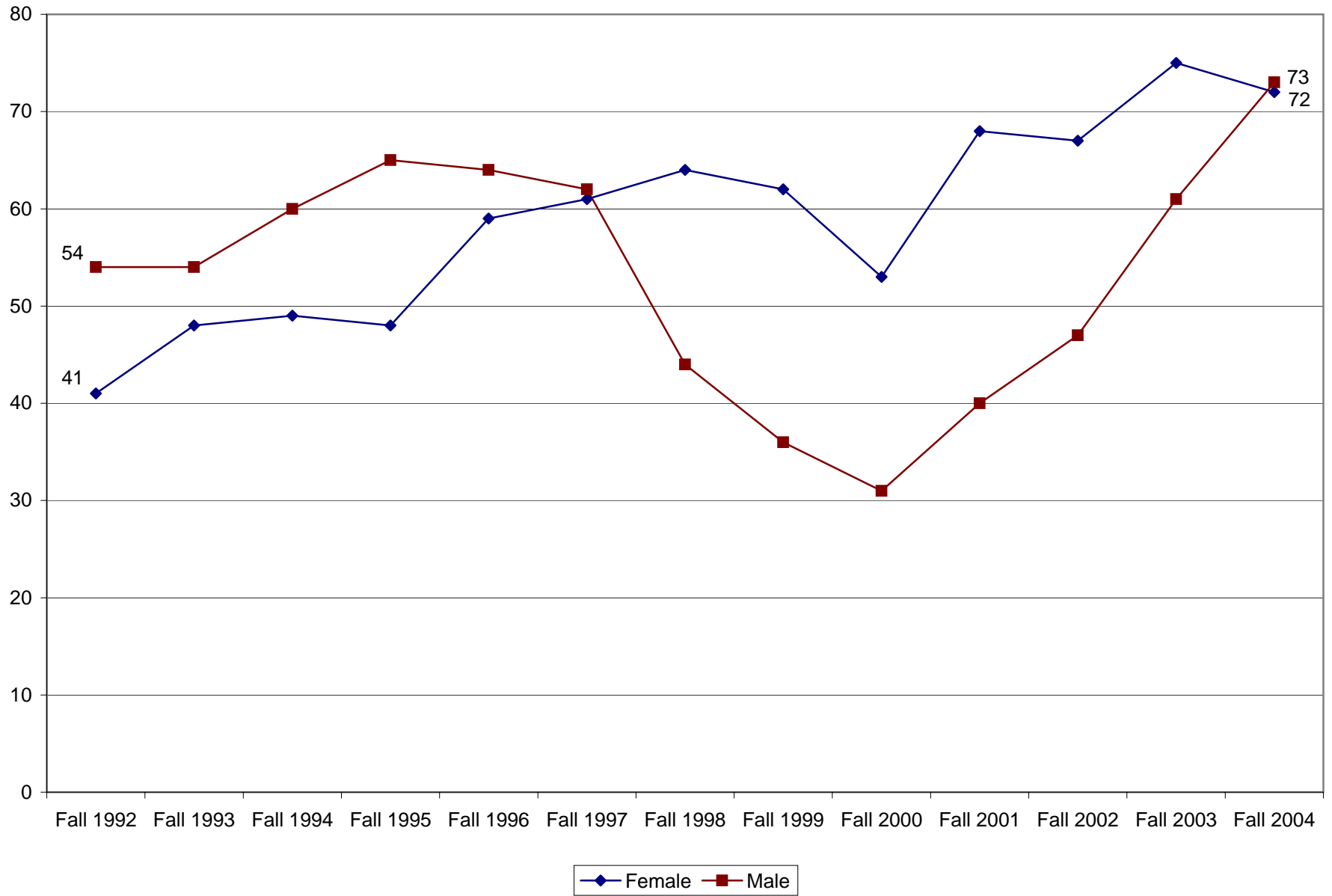
### JMU Undergraduate Majors by Sex: Fall 1992 to Fall 2004 Biology



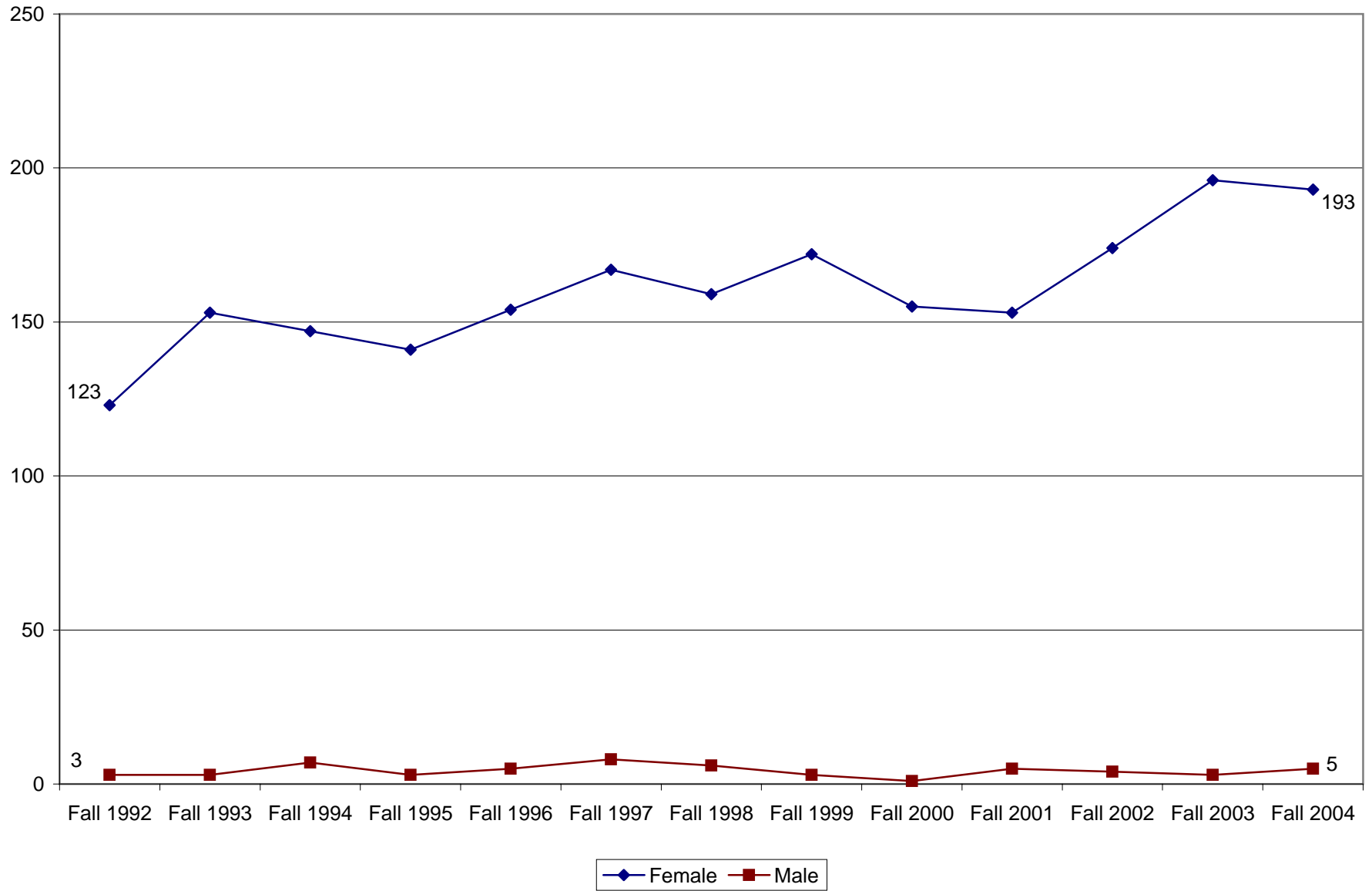
### JMU Undergraduate Majors by Sex: Fall 1992 to Fall 2004 Business & Marketing Education



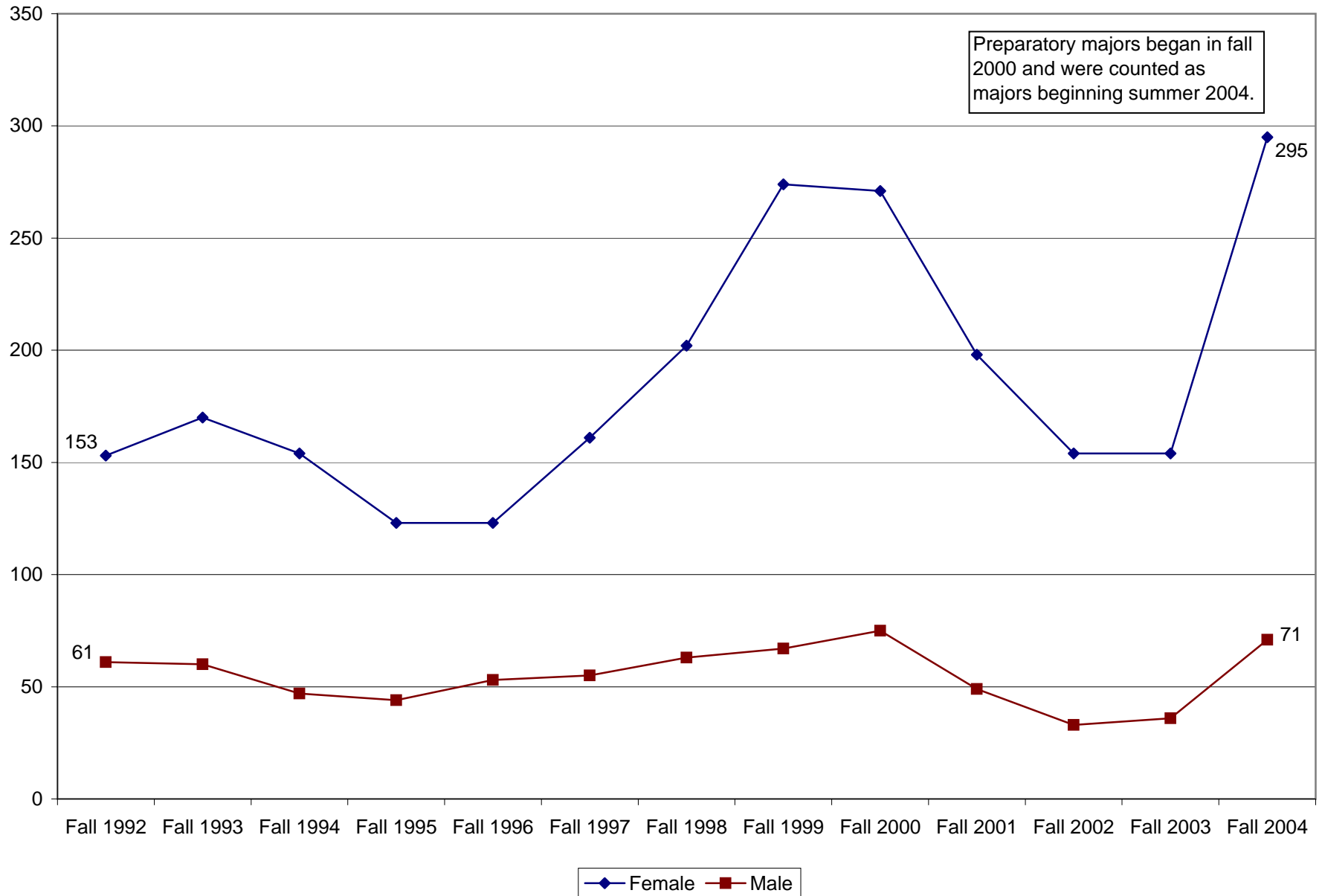
### JMU Undergraduate Majors by Sex: Fall 1992 to Fall 2004 Chemistry



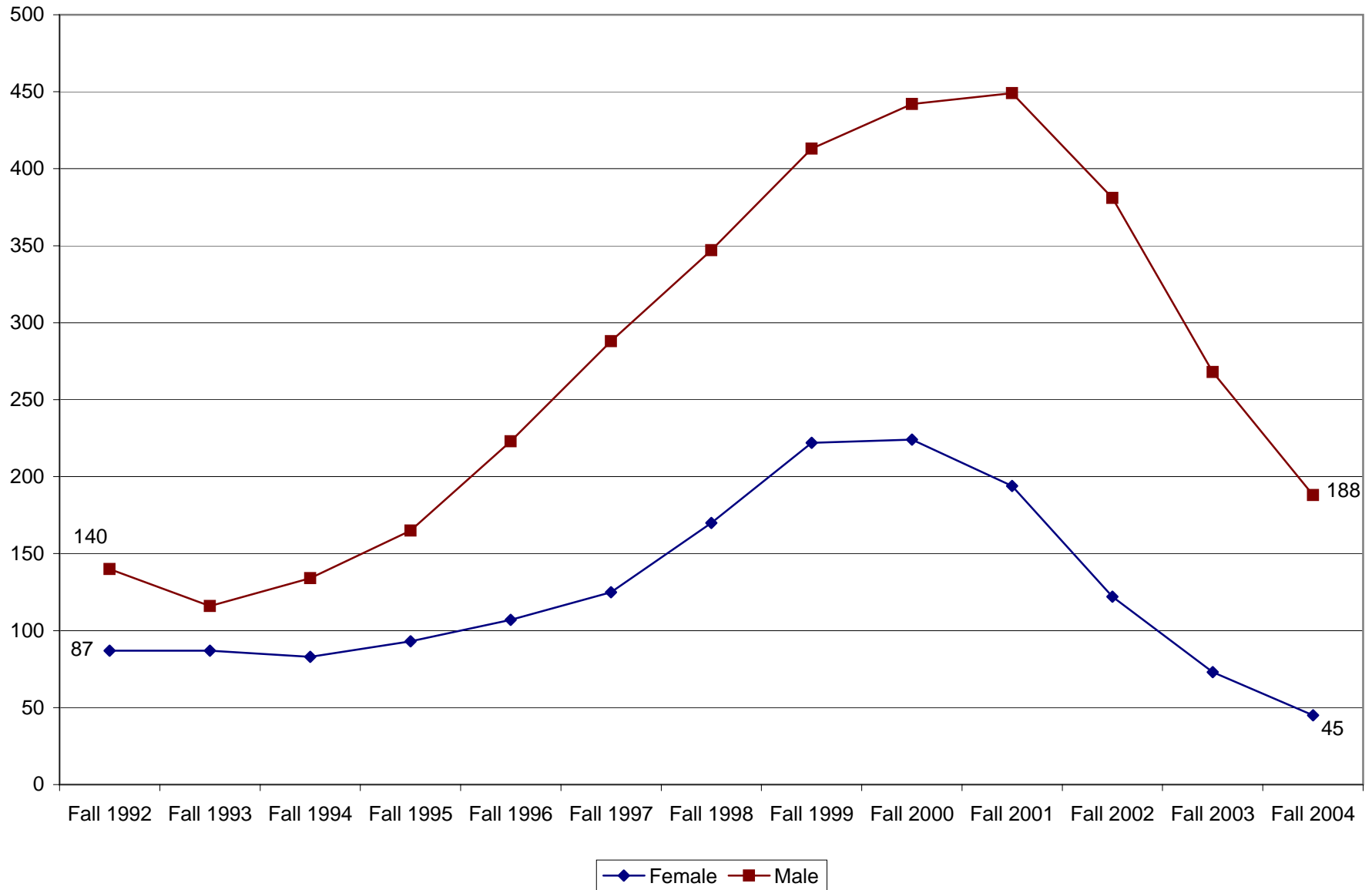
**JMU Undergraduate Majors by Sex: Fall 1992 to Fall 2004**  
**Communication Sciences & Disorders**



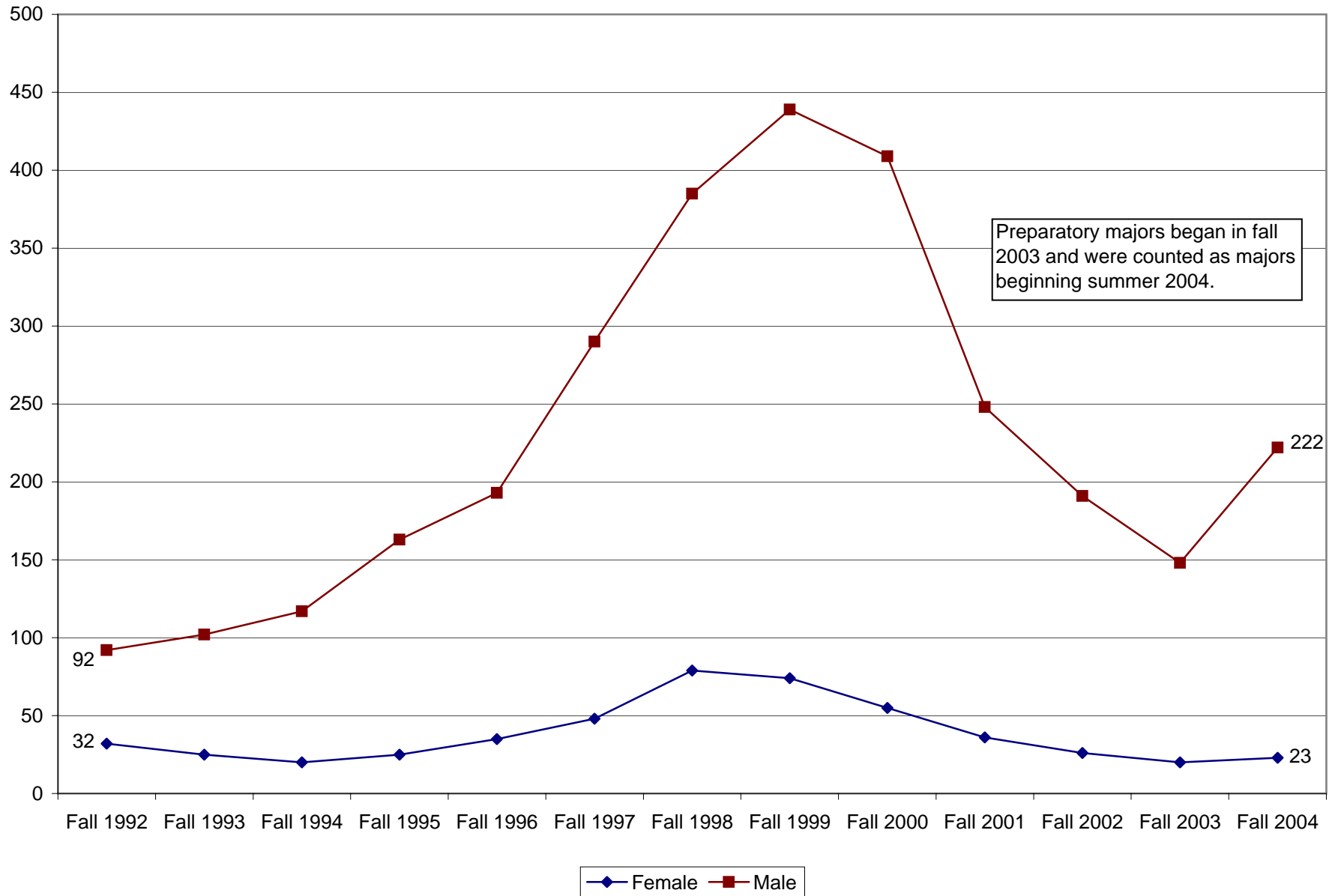
**JMU Undergraduate Majors by Sex: Fall 1992 to Fall 2004**  
**Communication Studies (Includes Human Communications and Speech Communications)**



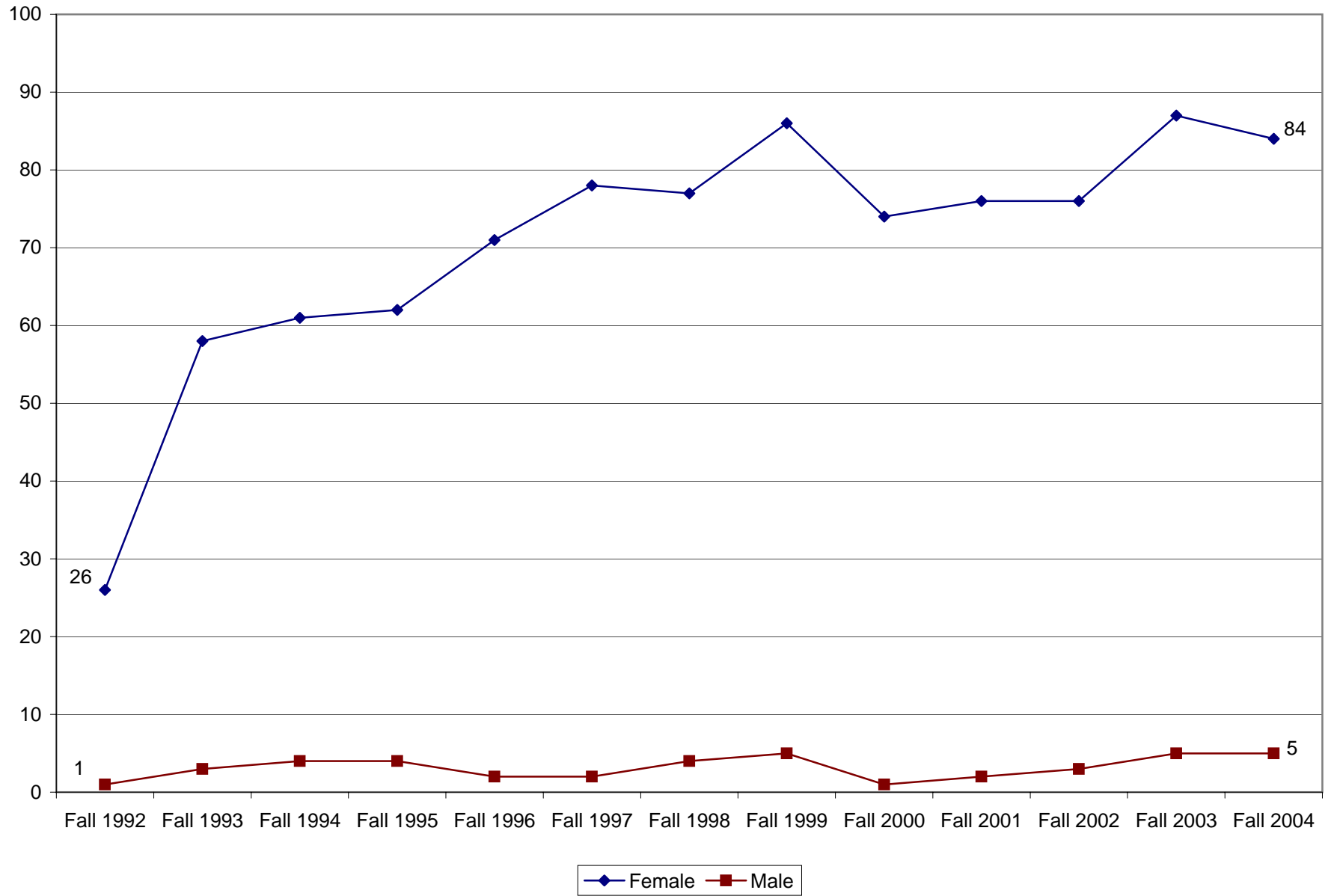
### JMU Undergraduate Majors by Sex: Fall 1992 to Fall 2004 Computer Information Systems



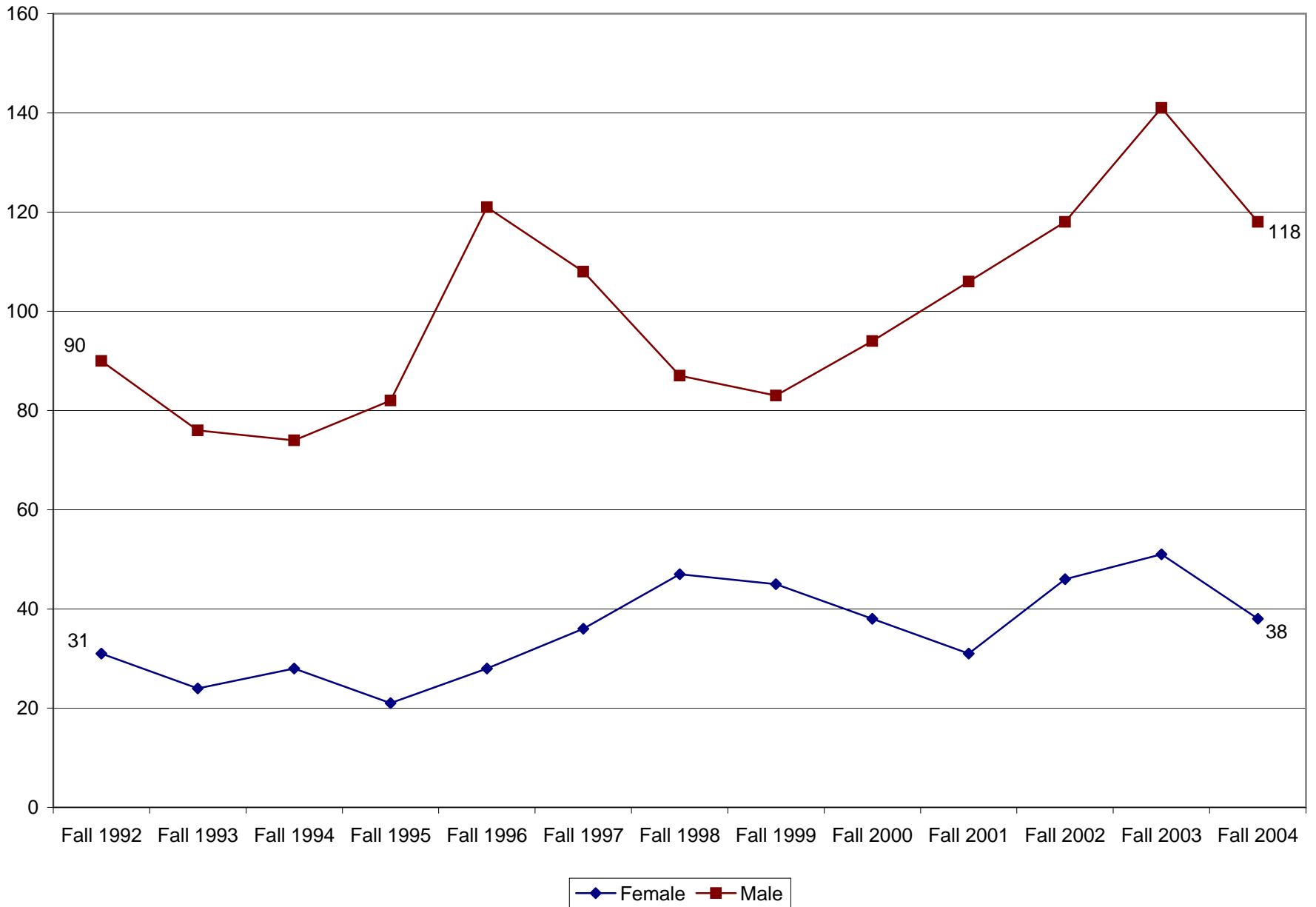
### JMU Undergraduate Majors by Sex: Fall 1992 to Fall 2004 Computer Science



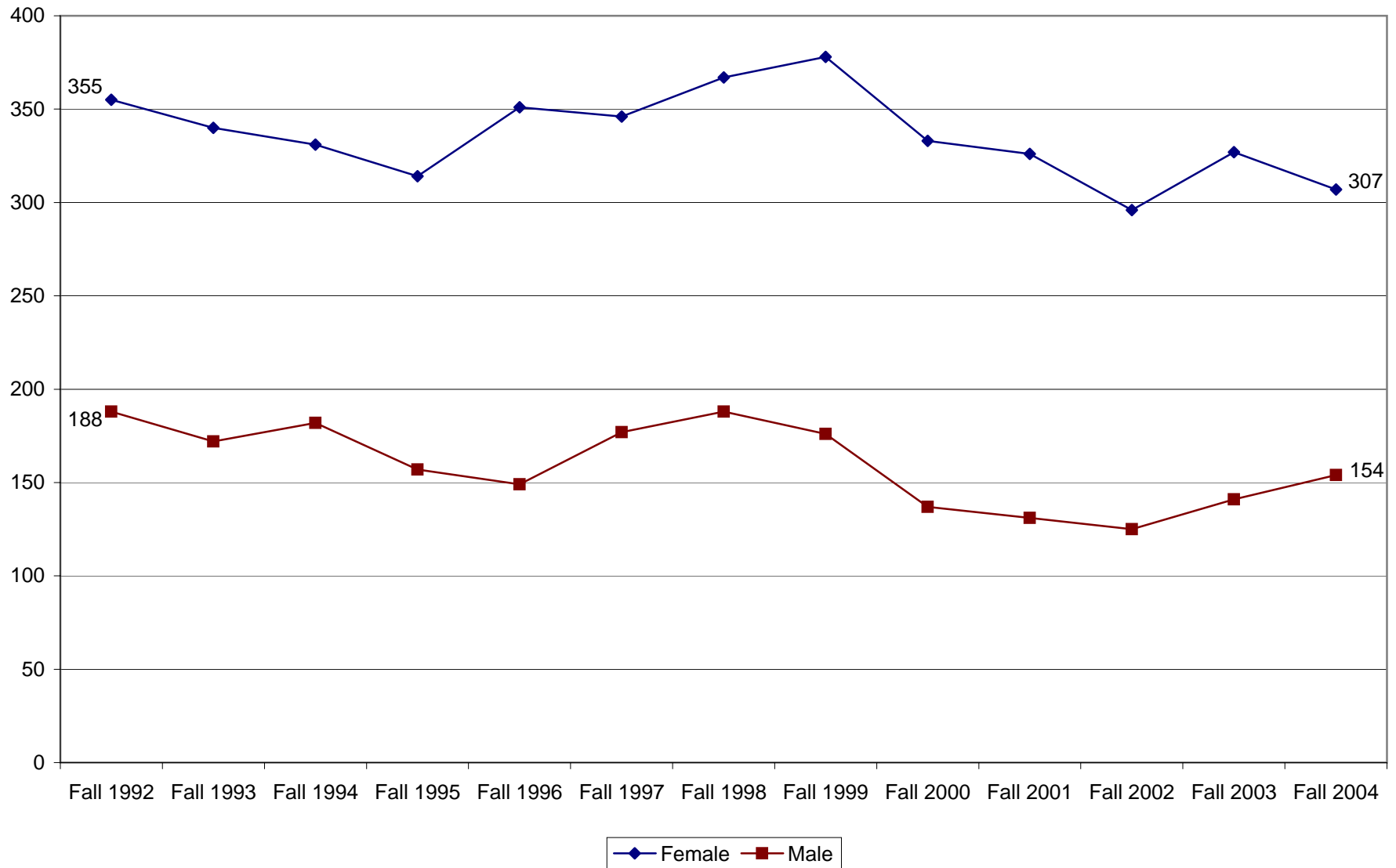
### JMU Undergraduate Majors by Sex: Fall 1992 to Fall 2004 Dietetics



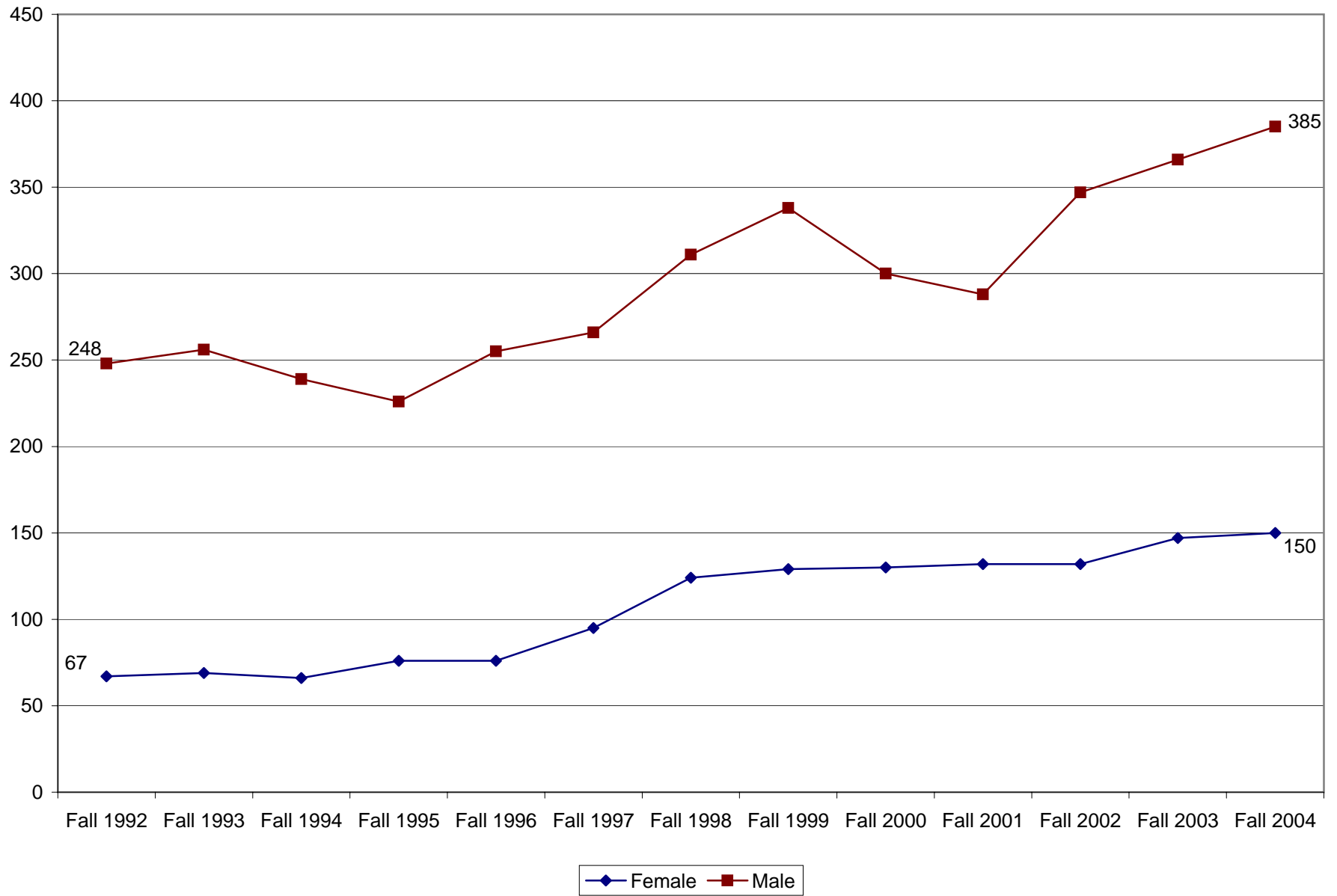
### JMU Undergraduate Majors by Sex: Fall 1992 to Fall 2004 Economics & Business Economics



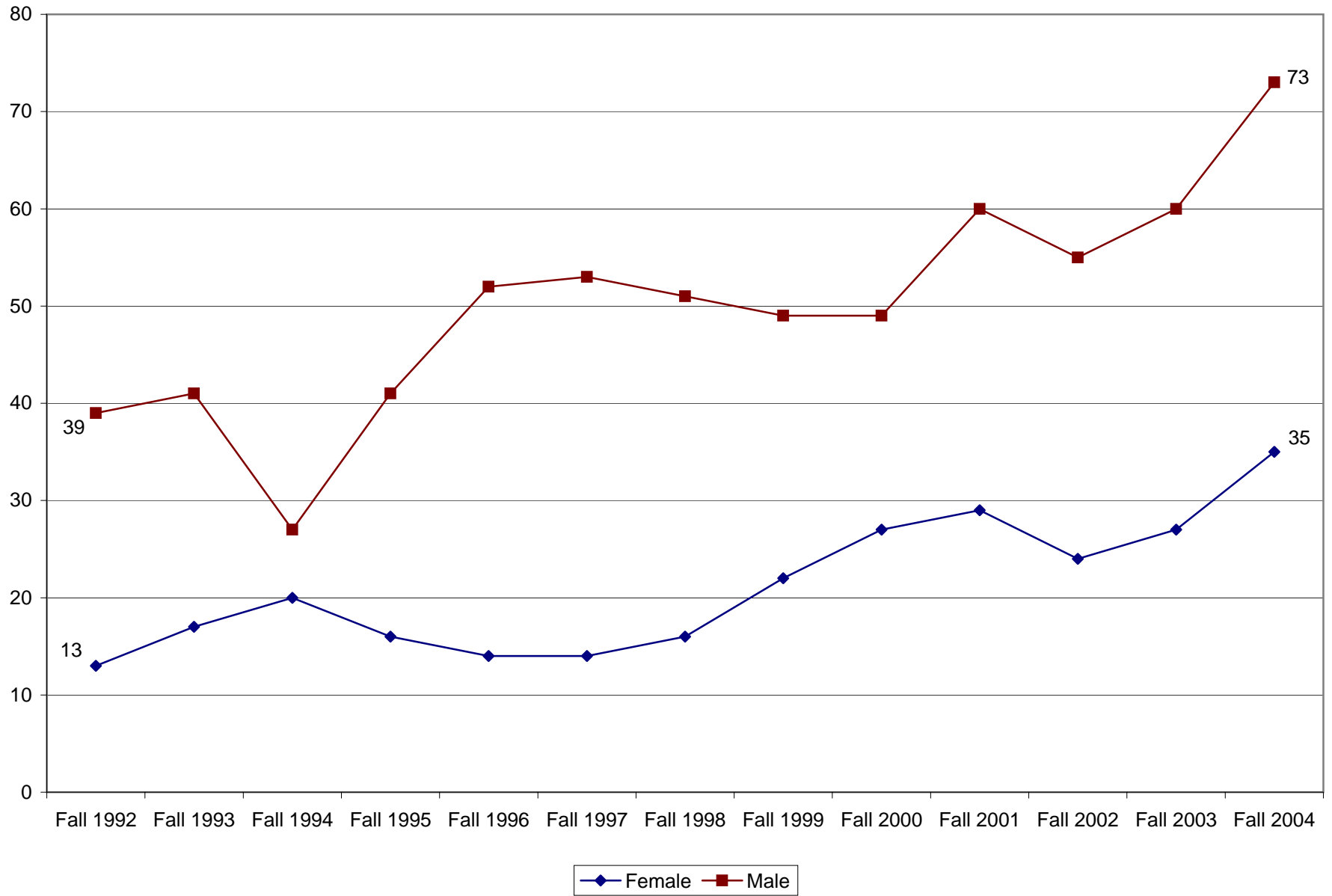
### JMU Undergraduate Majors by Sex: Fall 1992 to Fall 2004 English



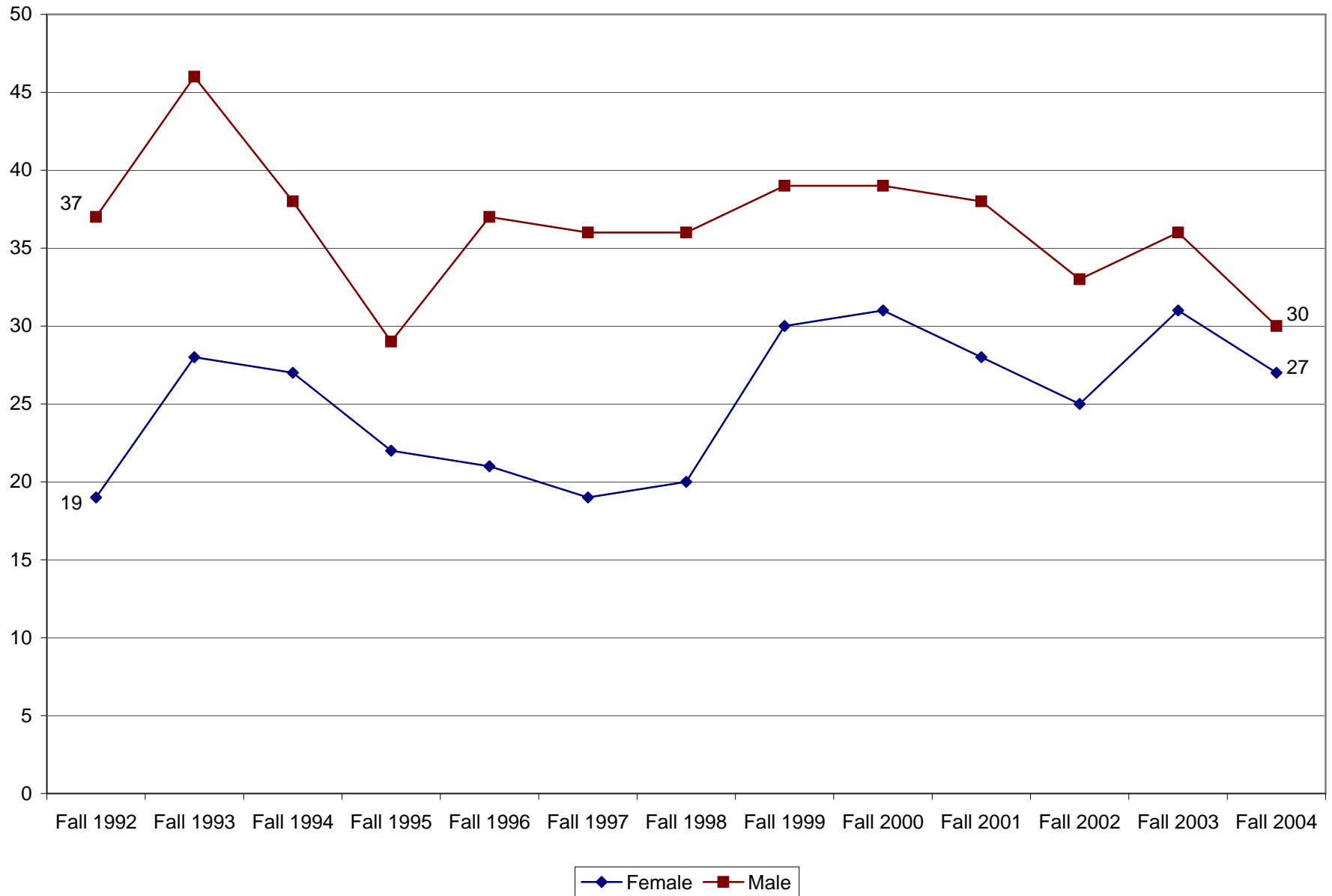
### JMU Undergraduate Majors by Sex: Fall 1992 to Fall 2004 Finance



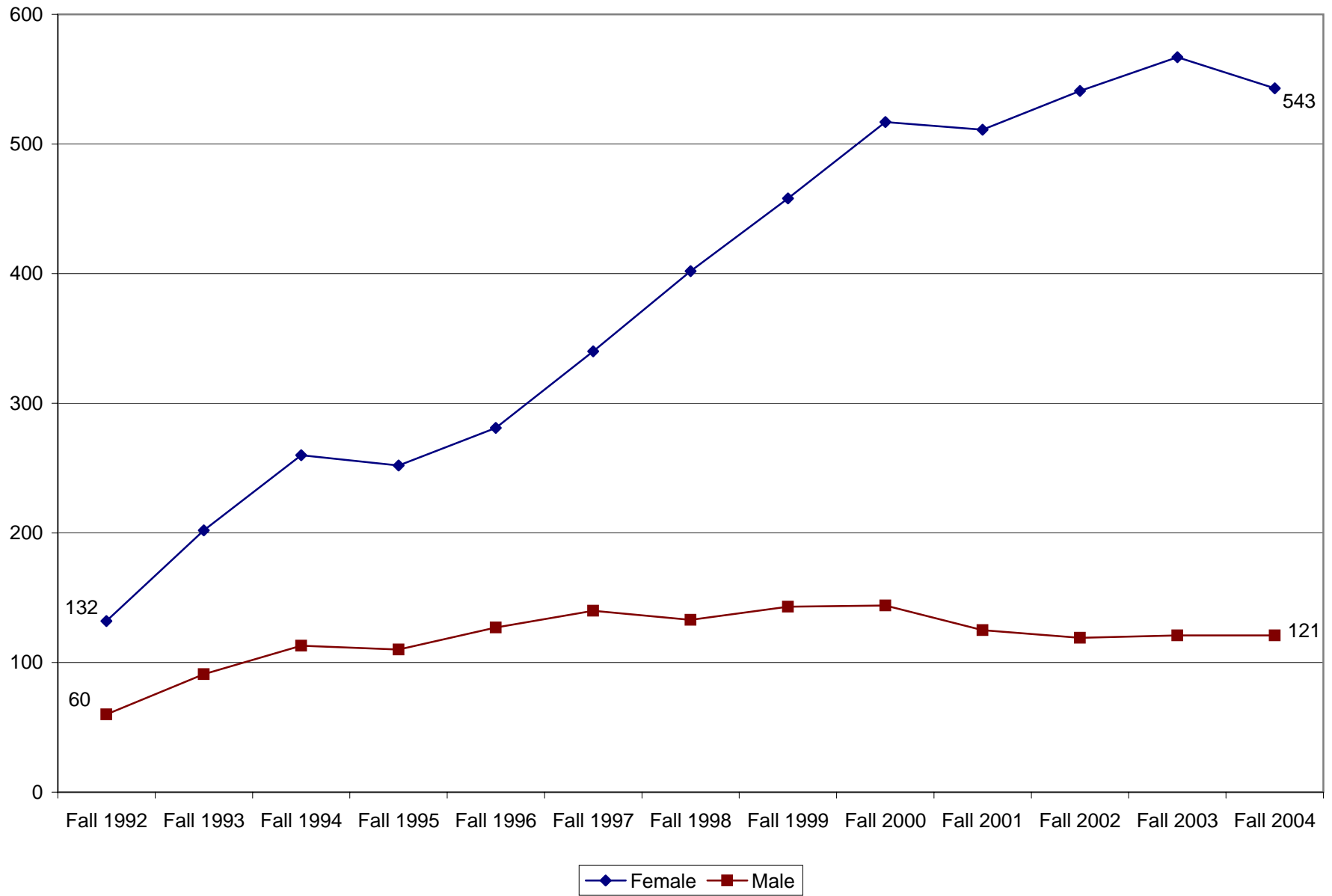
### JMU Undergraduate Majors by Sex: Fall 1992 to Fall 2004 Geographic Science



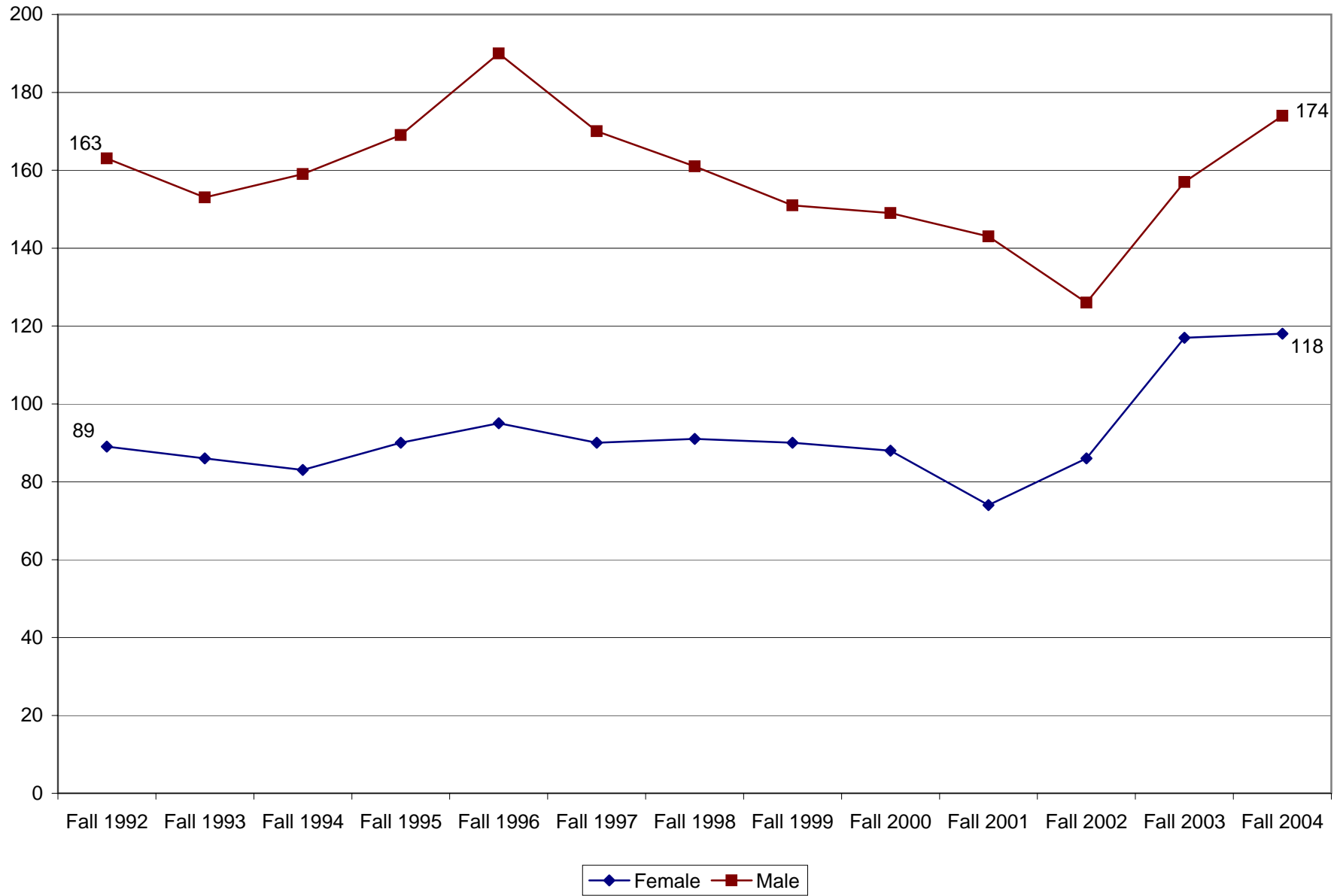
### JMU Undergraduate Majors by Sex: Fall 1992 to Fall 2004 Geology



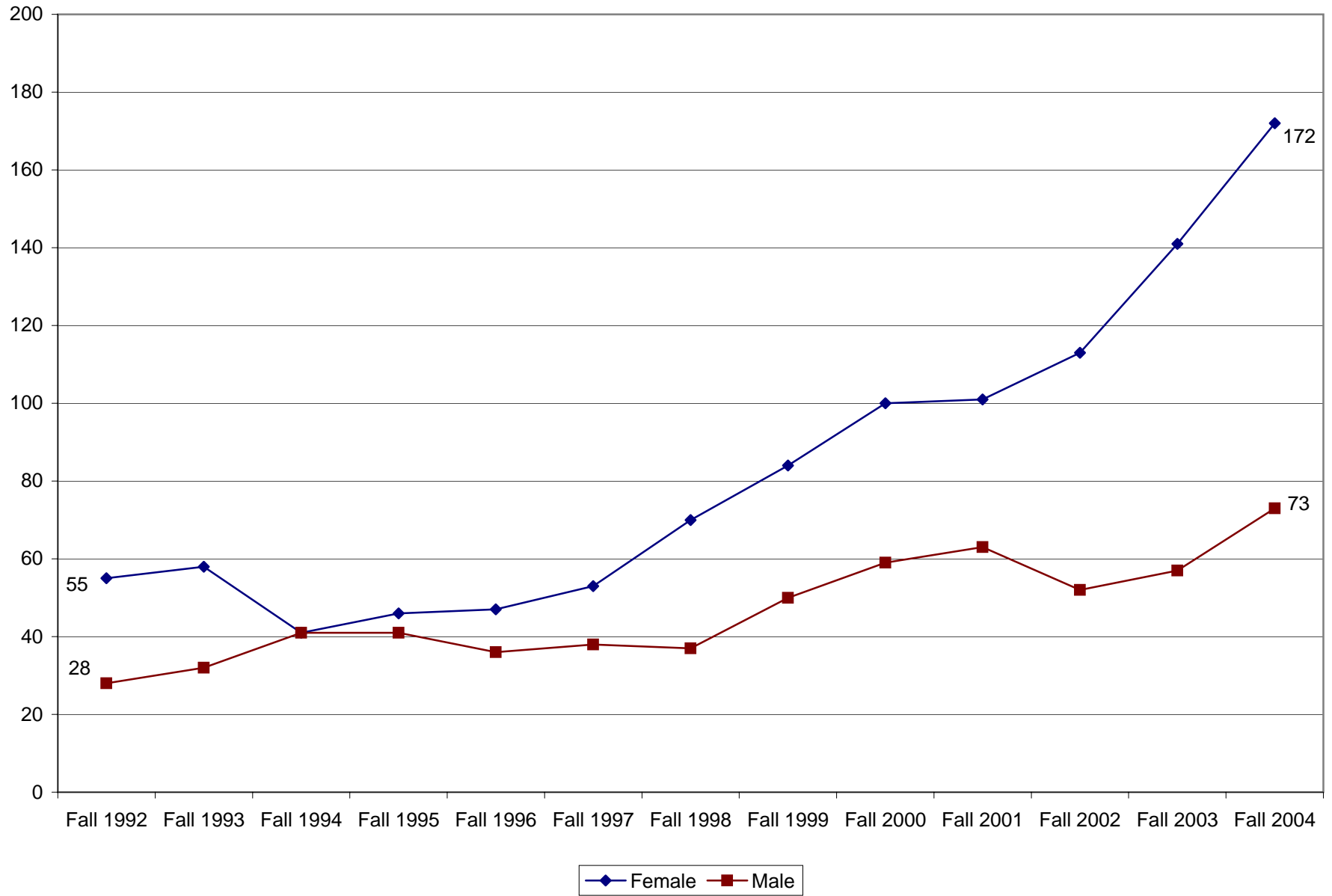
### JMU Undergraduate Majors by Sex: Fall 1992 to Fall 2004 Health Sciences



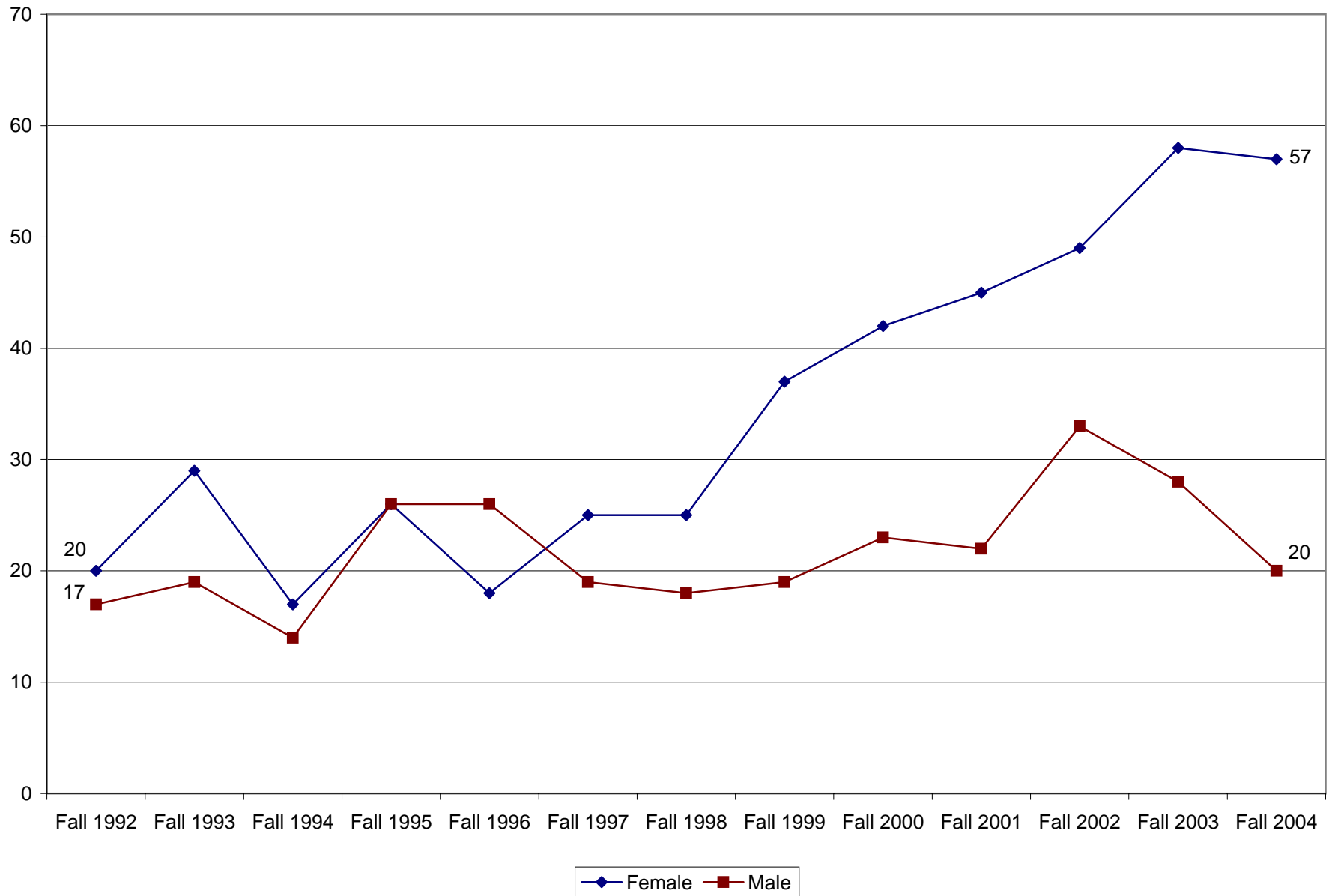
### JMU Undergraduate Majors by Sex: Fall 1992 to Fall 2004 History



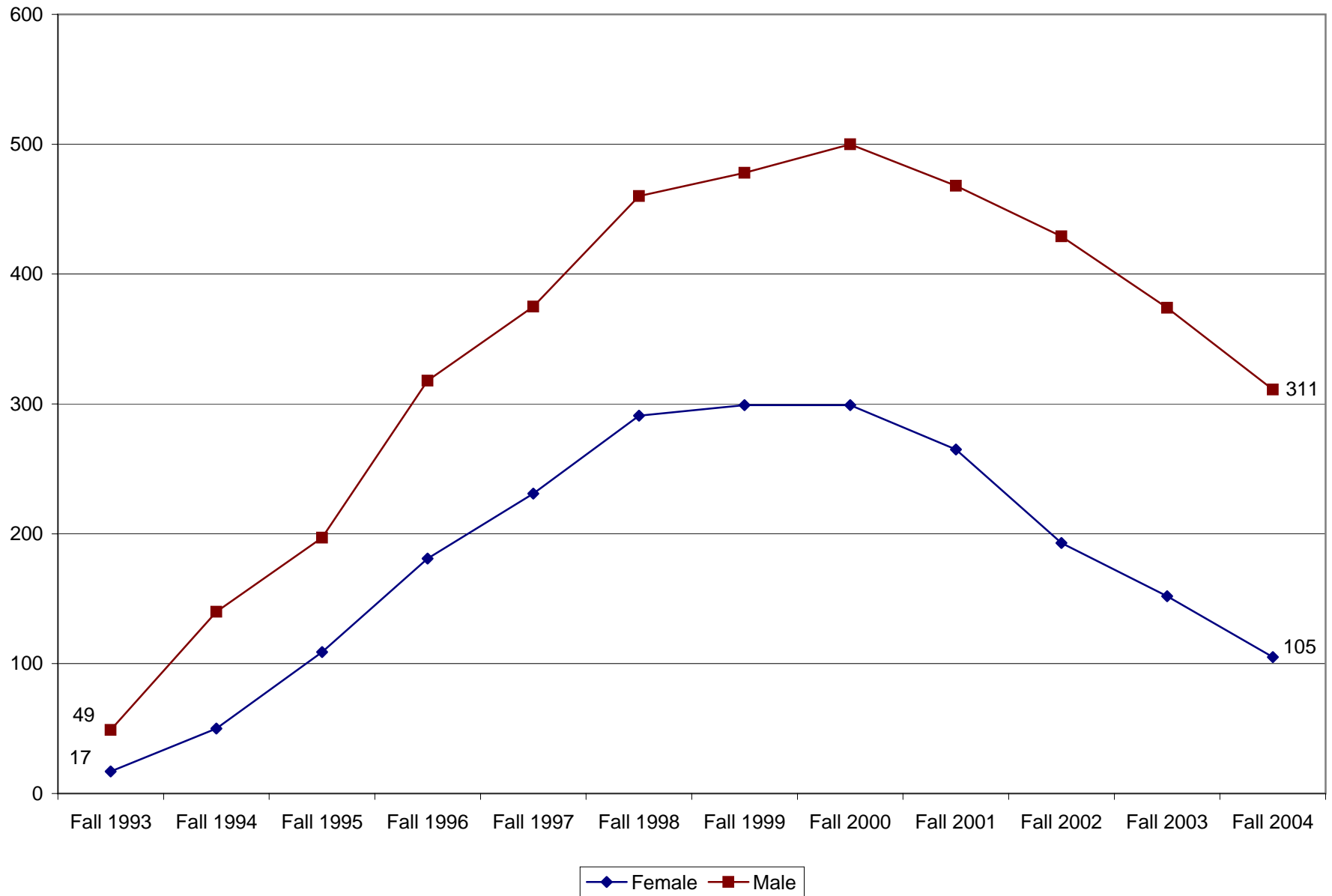
**JMU Undergraduate Majors by Sex: Fall 1992 to Fall 2004**  
**Hospitality & Tourism Management (Includes Hotel & Restaurant Management)**



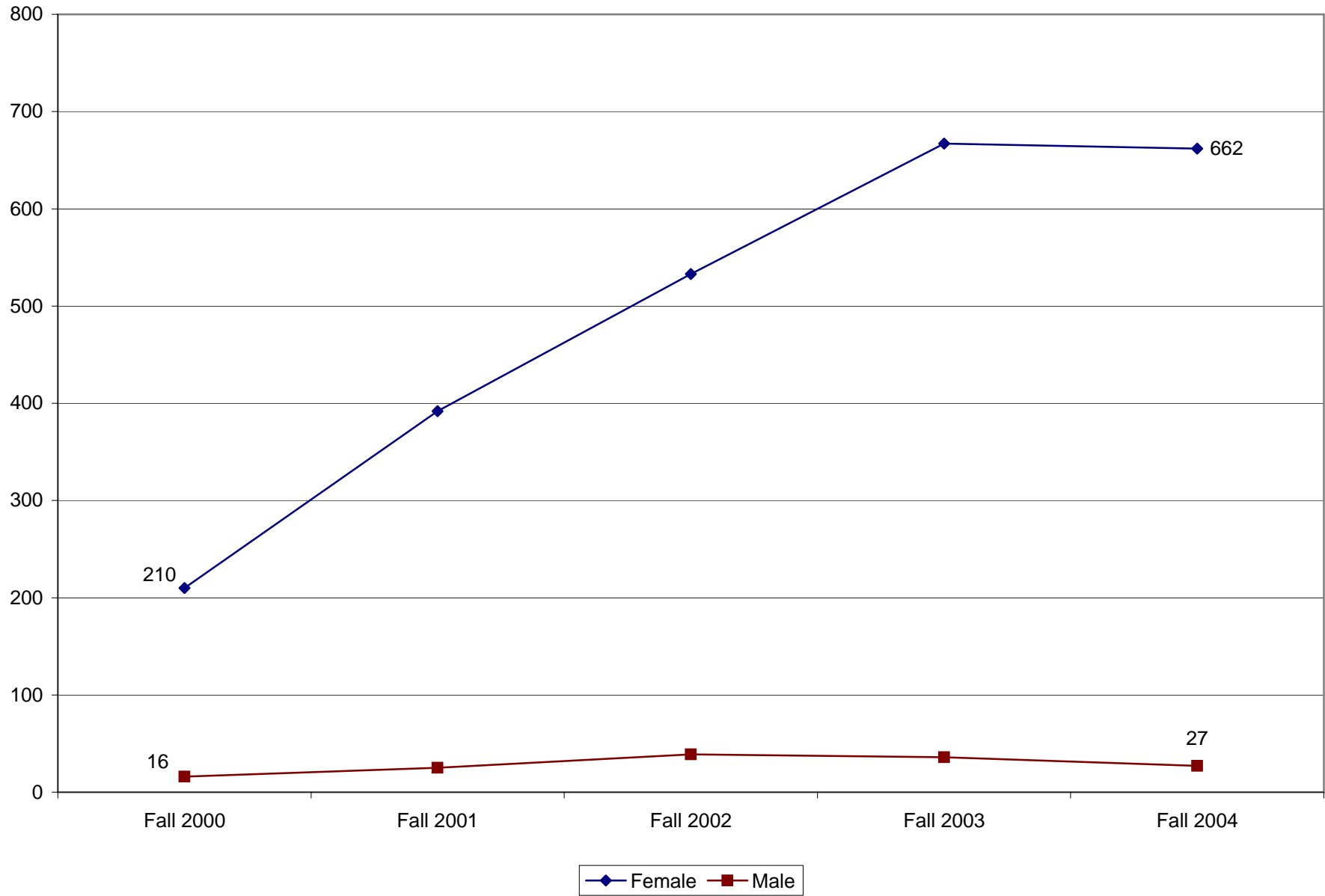
### JMU Undergraduate Majors by Sex: Fall 1992 to Fall 2004 Individualized Study



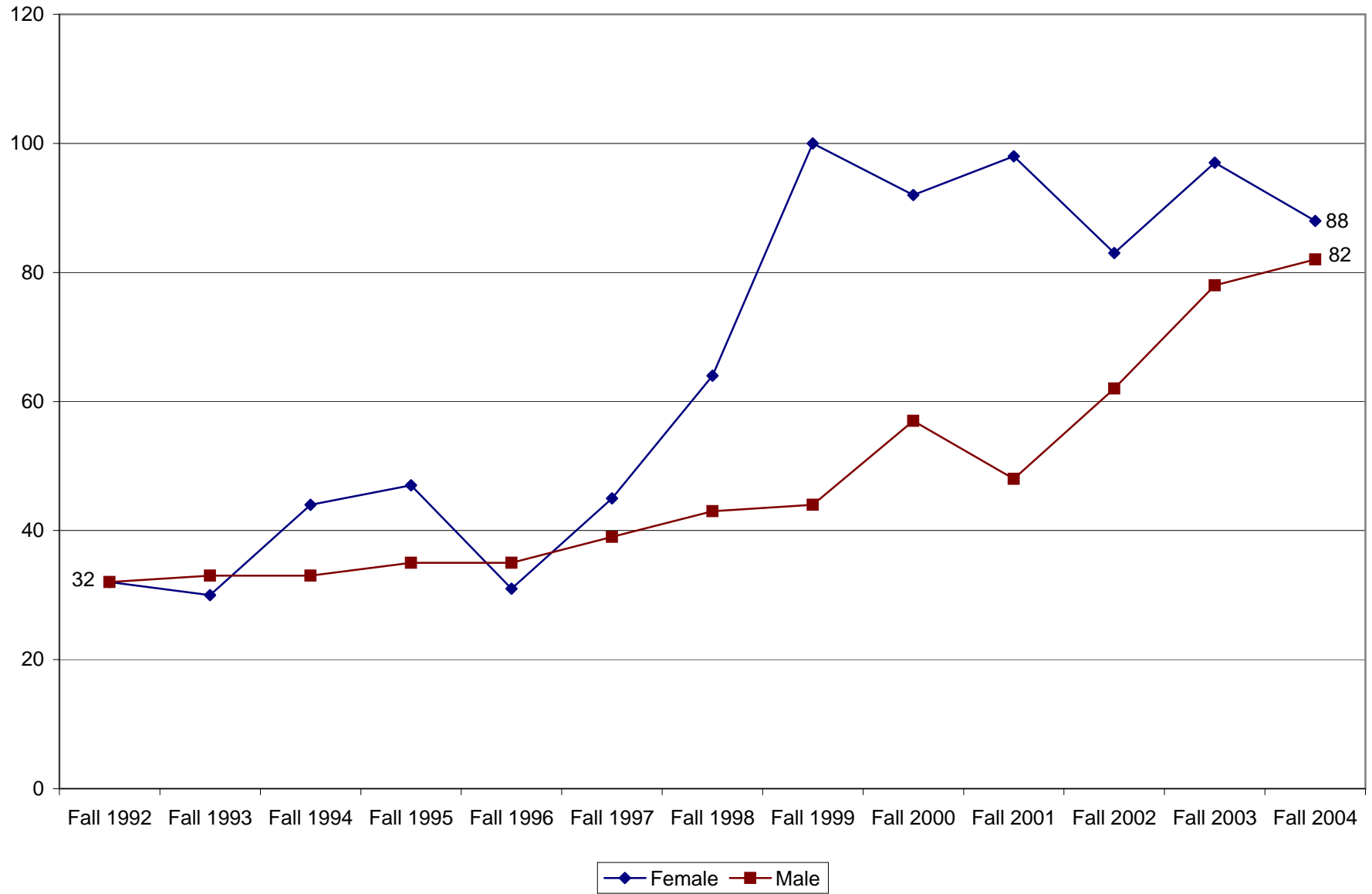
### JMU Undergraduate Majors by Sex: Fall 1993 to Fall 2004 Integrated Science & Technology



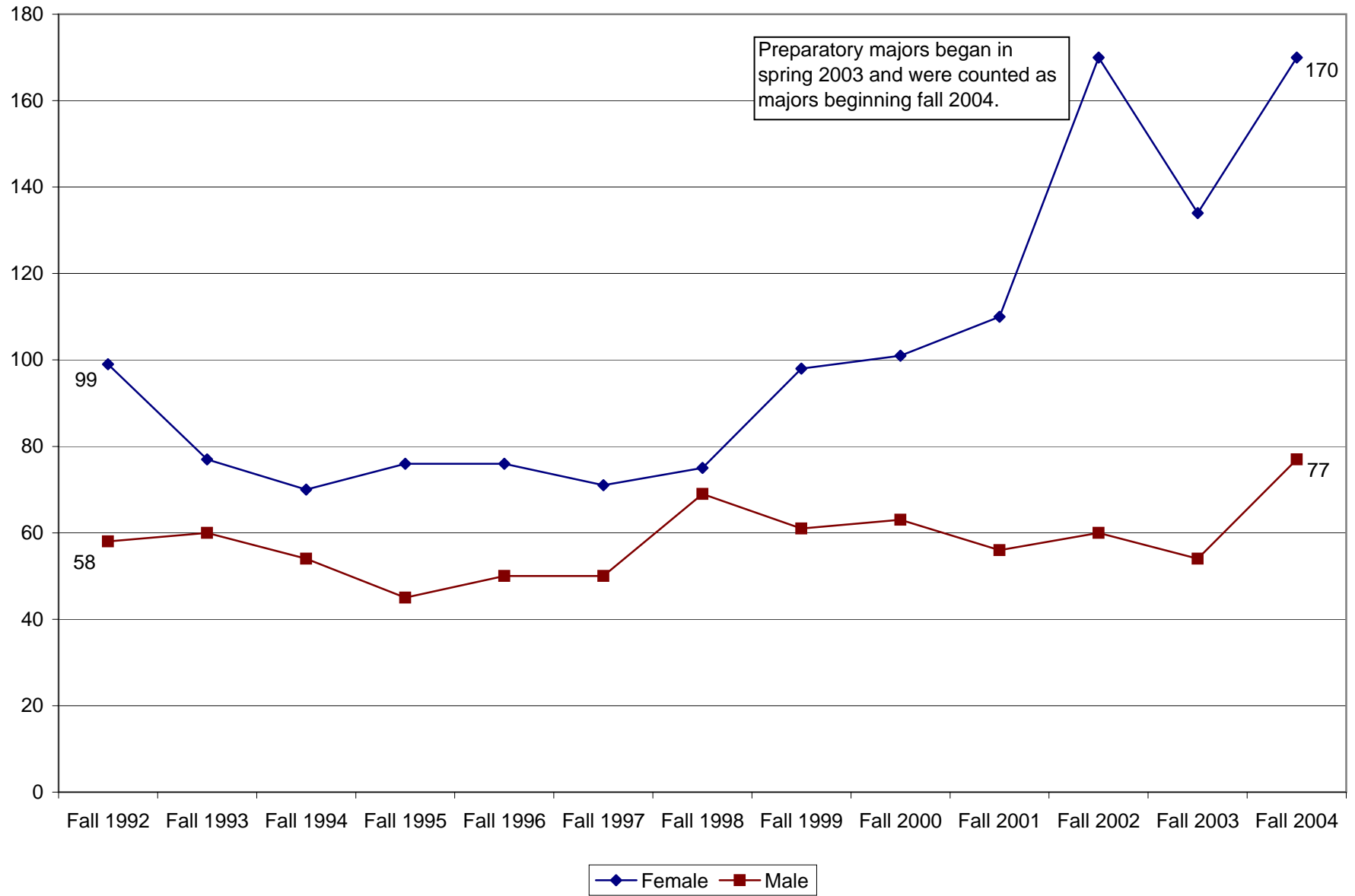
### JMU Undergraduate Majors by Sex: Fall 2000 to Fall 2004 Interdisciplinary Liberal Studies



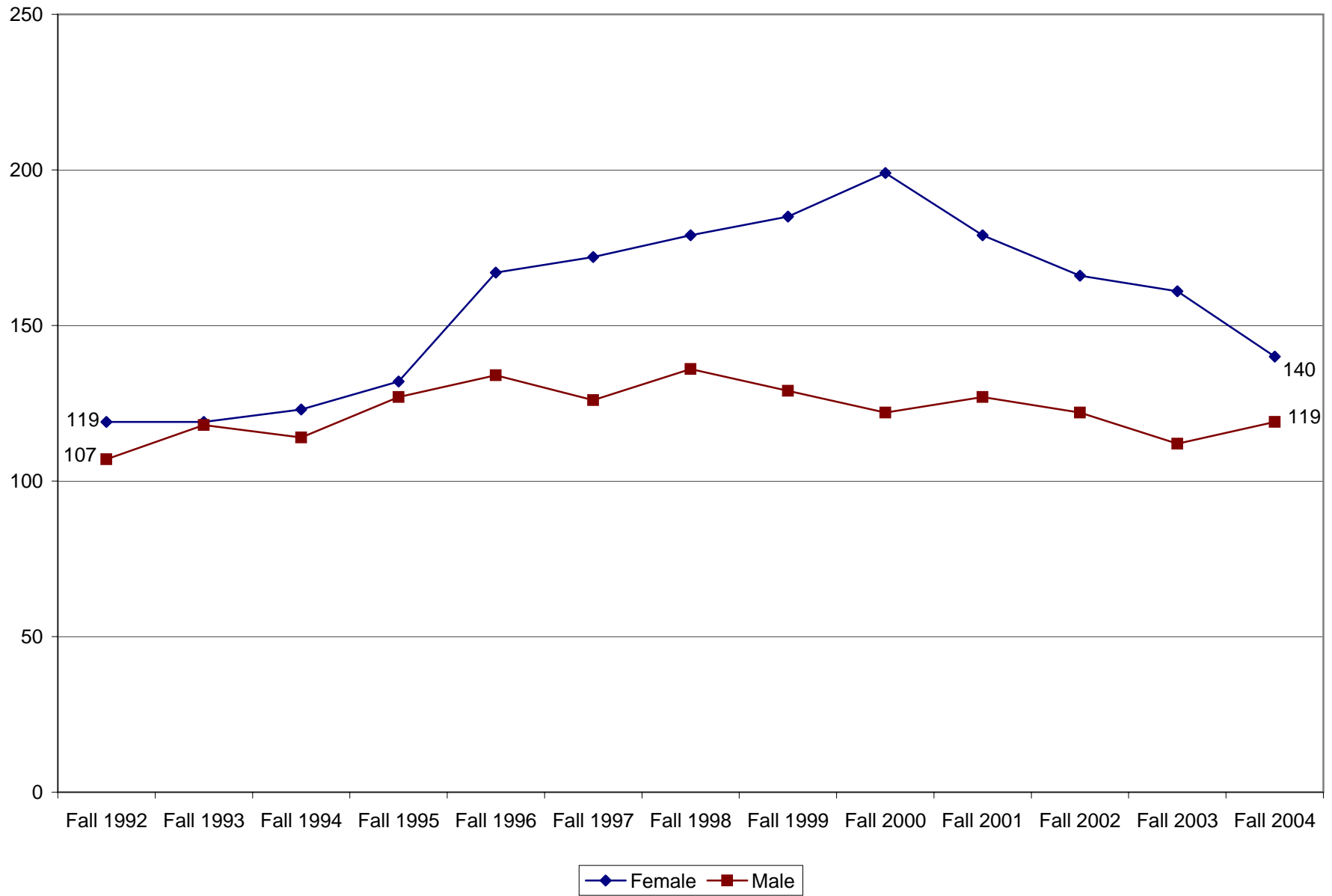
**JMU Undergraduate Majors by Sex: Fall 1992 to Fall 2004**  
**Interdisciplinary Social Science**



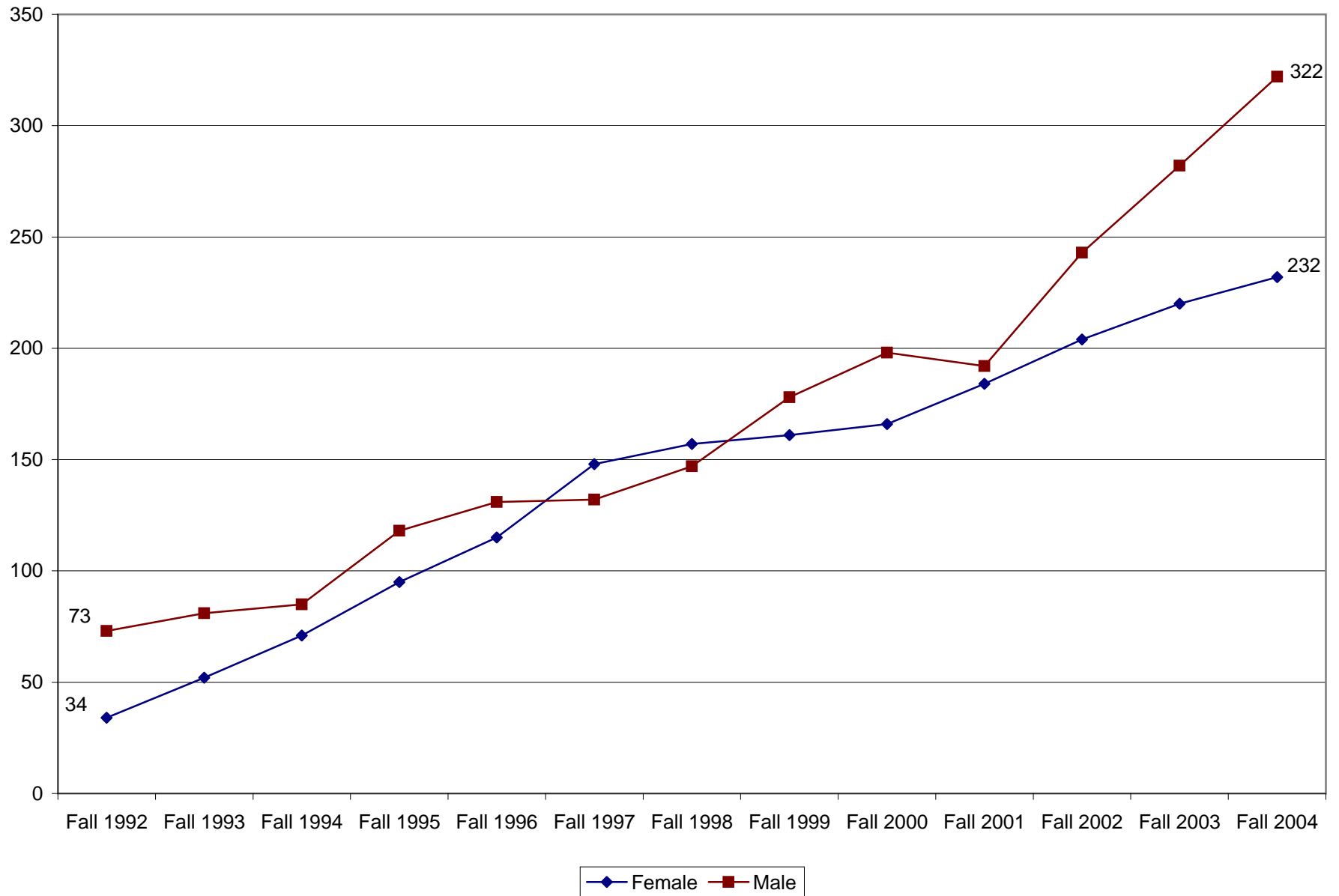
### JMU Undergraduate Majors by Sex: Fall 1992 to Fall 2004 International Affairs



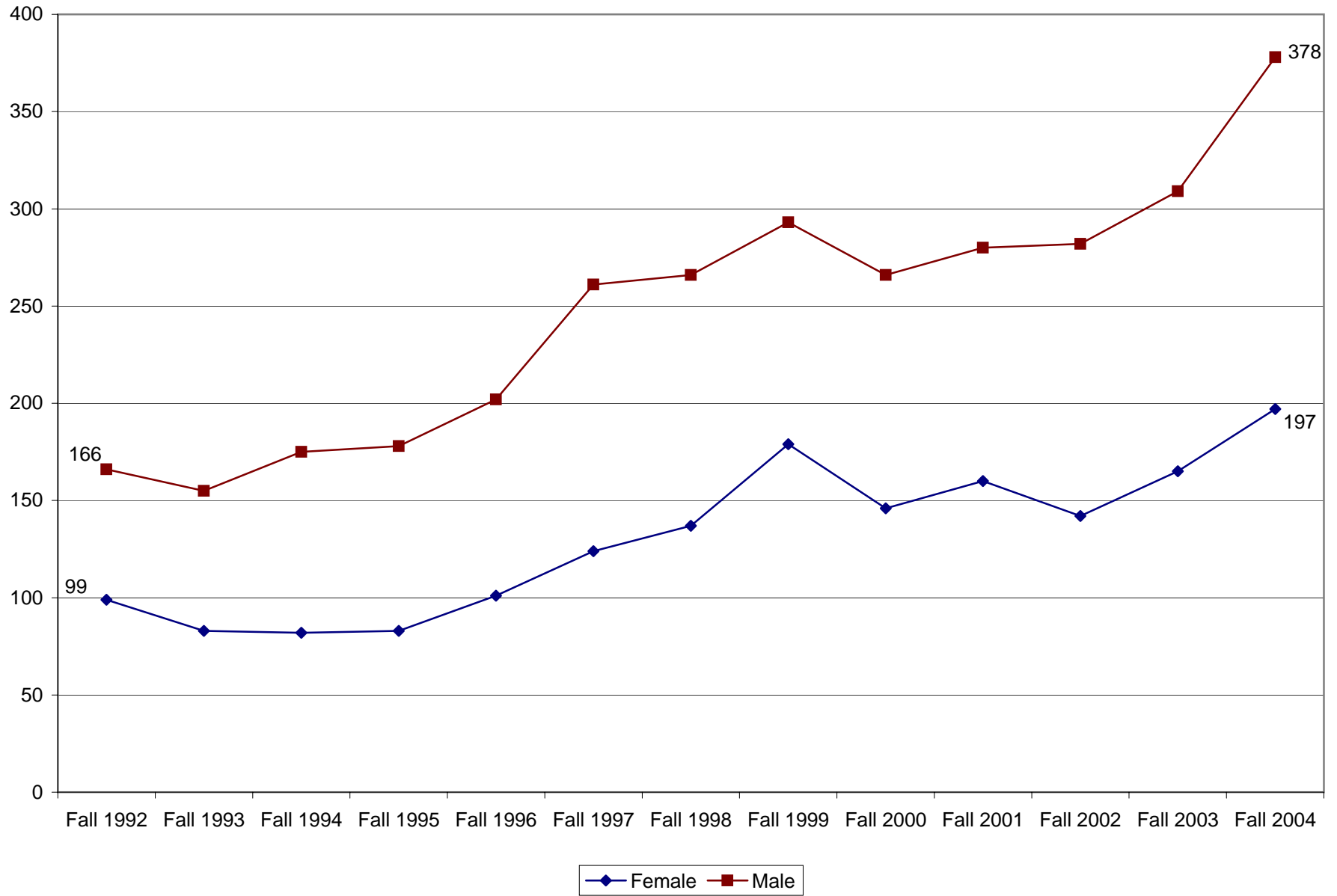
### JMU Undergraduate Majors by Sex: Fall 1992 to Fall 2004 International Business



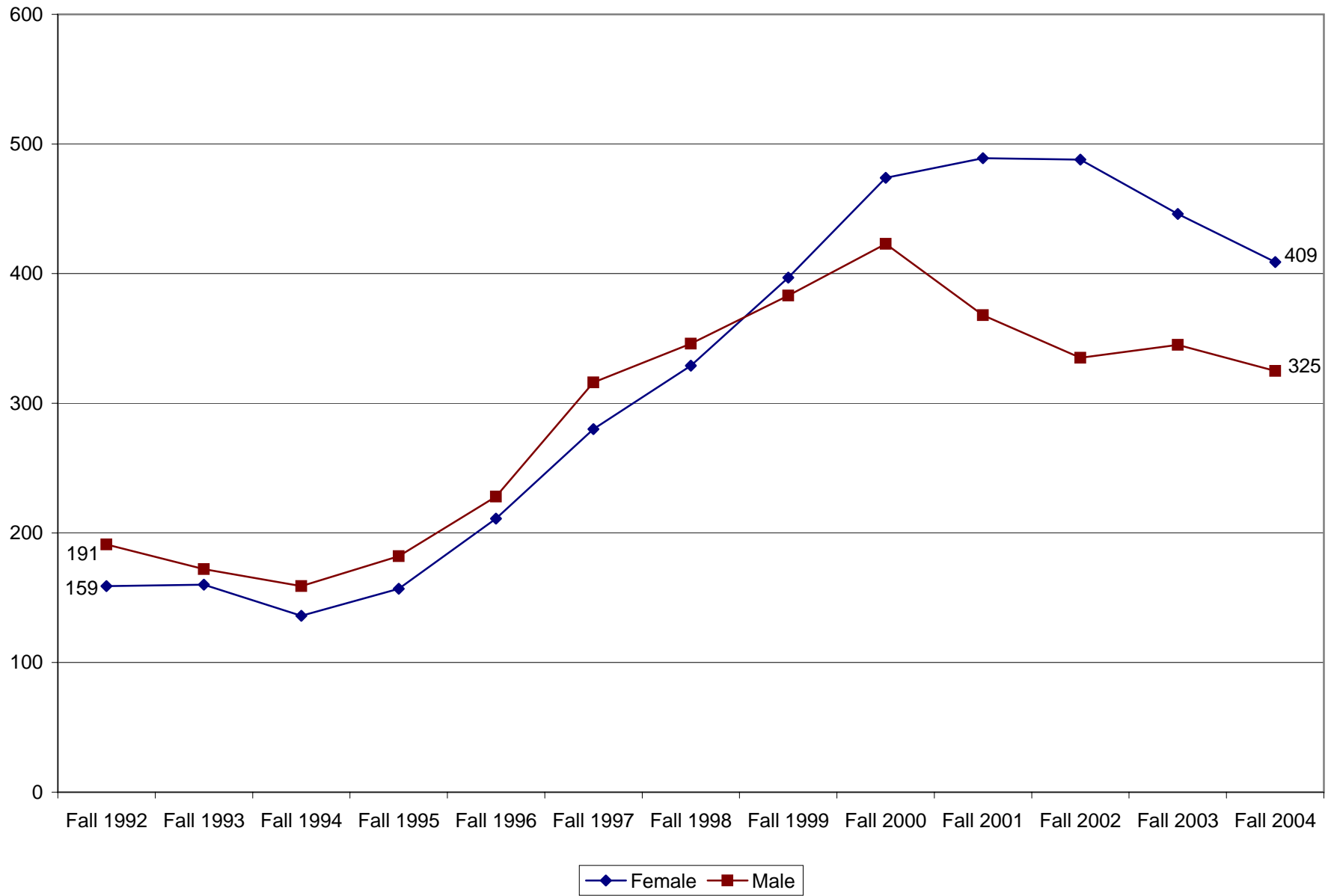
**JMU Undergraduate Majors by Sex: Fall 1992 to Fall 2004**  
**Kinesiology (Includes Recreation)**



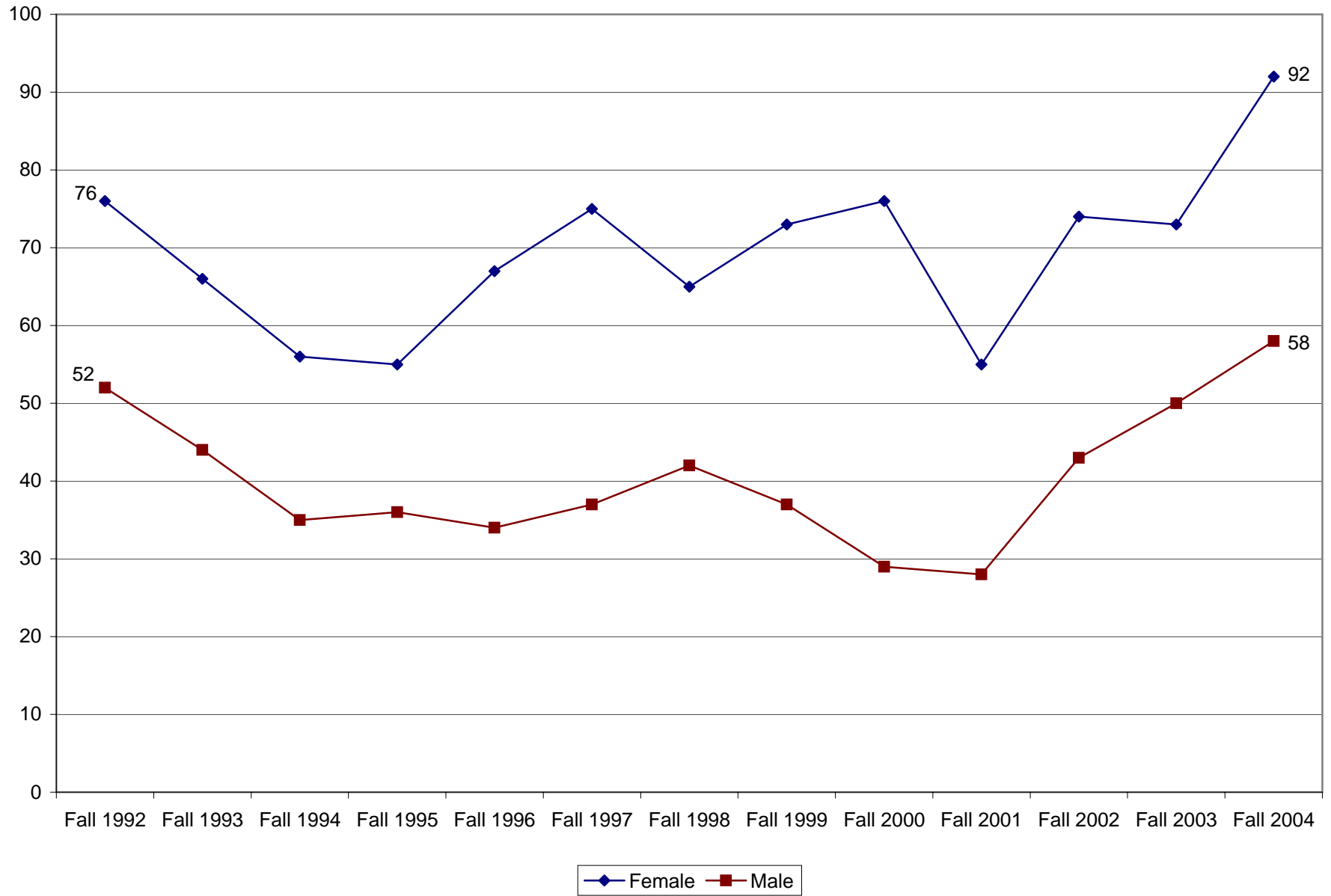
### JMU Undergraduate Majors by Sex: Fall 1992 to Fall 2004 Management



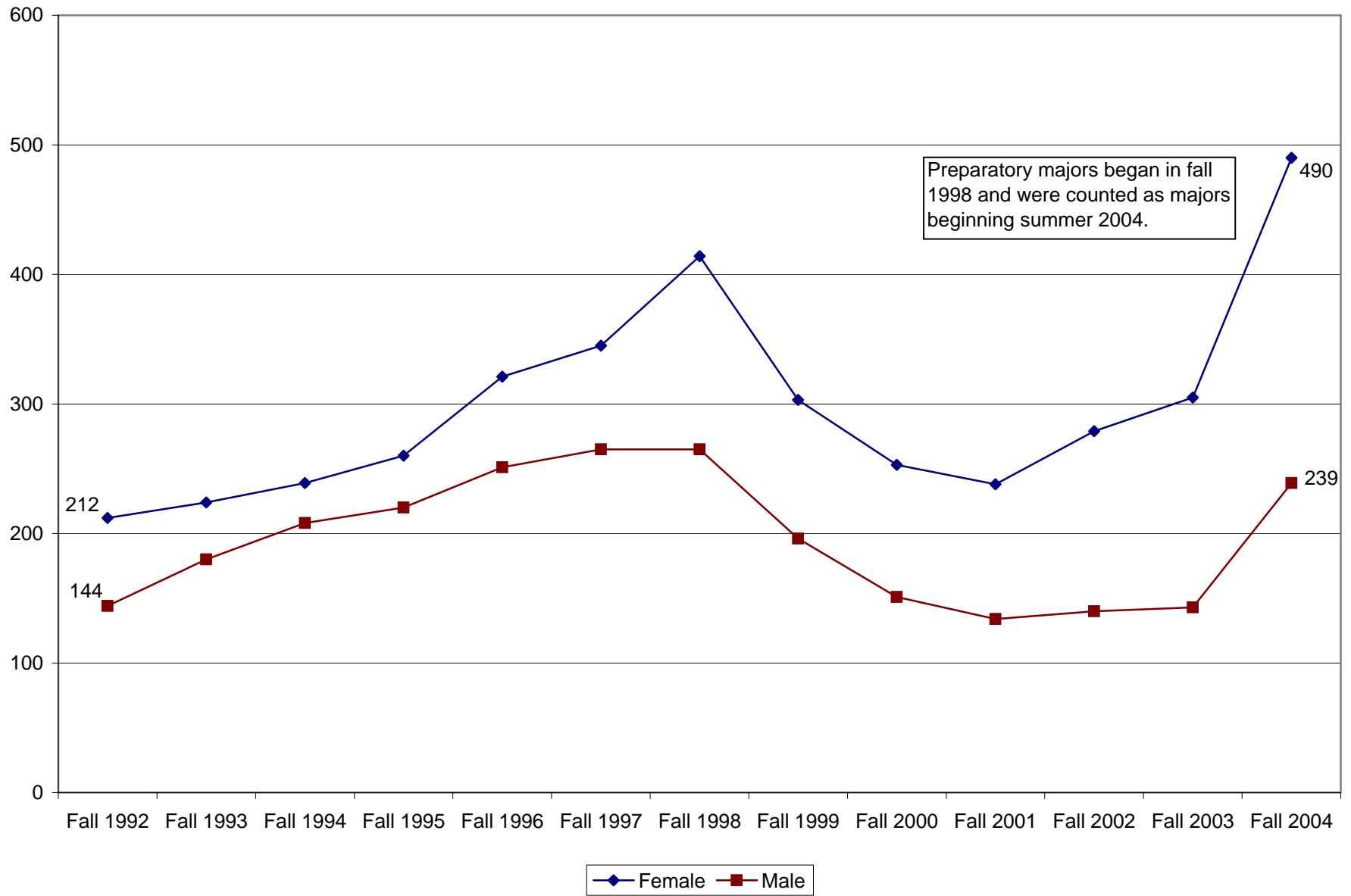
### JMU Undergraduate Majors by Sex: Fall 1992 to Fall 2004 Marketing



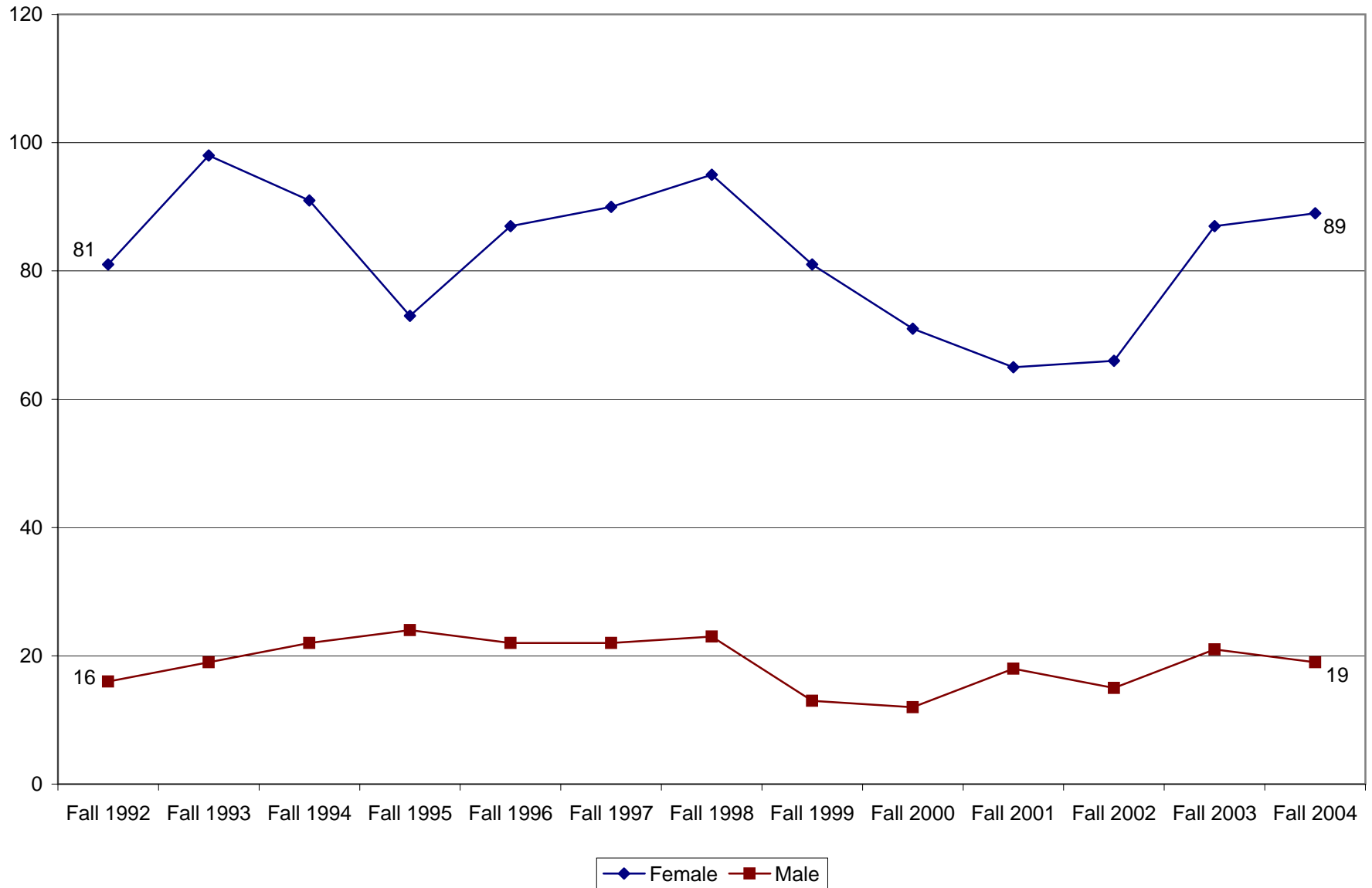
**JMU Undergraduate Majors by Sex: Fall 1992 to Fall 2004**  
**Mathematics (Includes Statistics)**



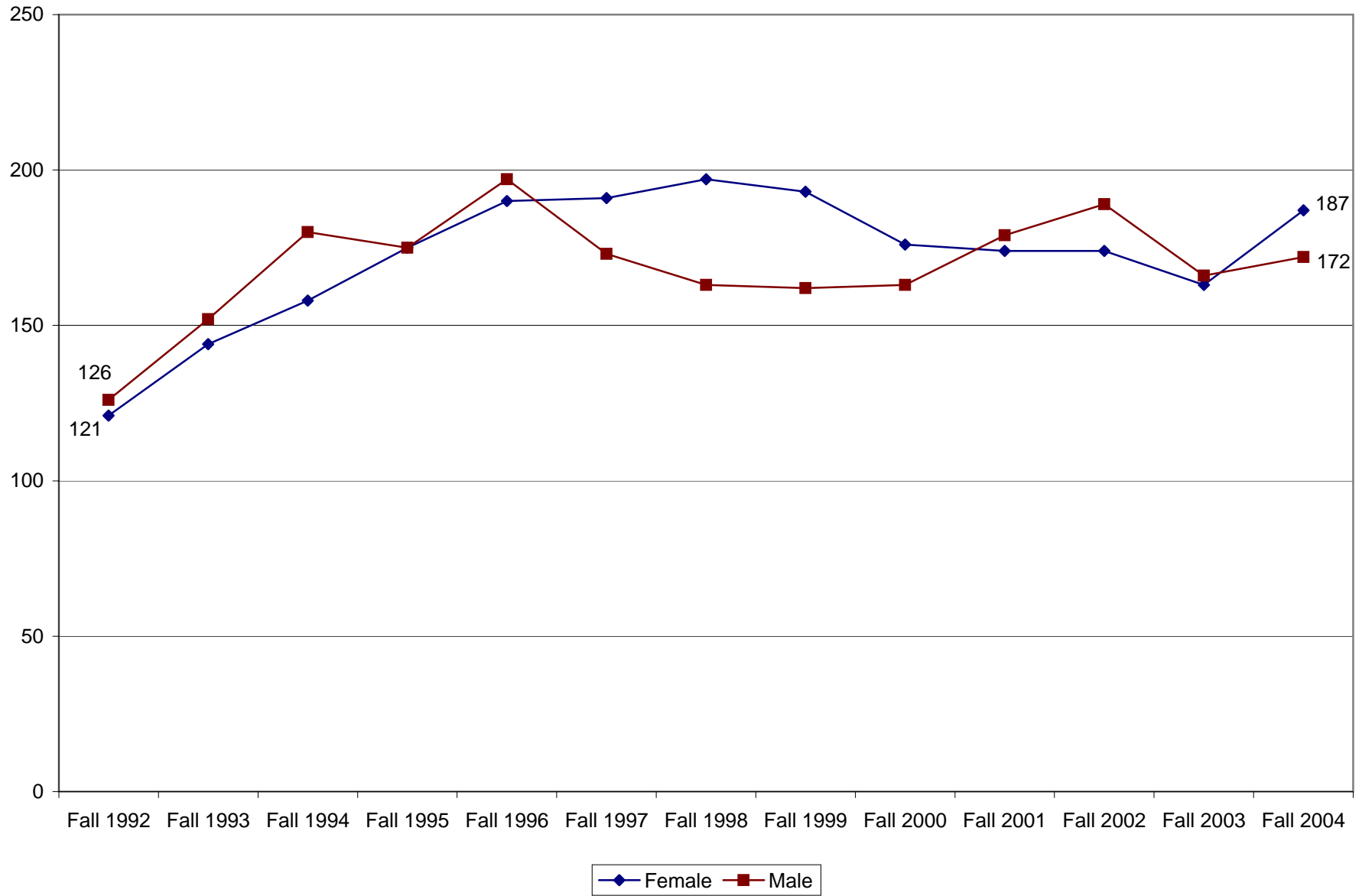
**JMU Undergraduate Majors by Sex: Fall 1992 to Fall 2004**  
**Media Arts & Design (Includes Mass Communications)**



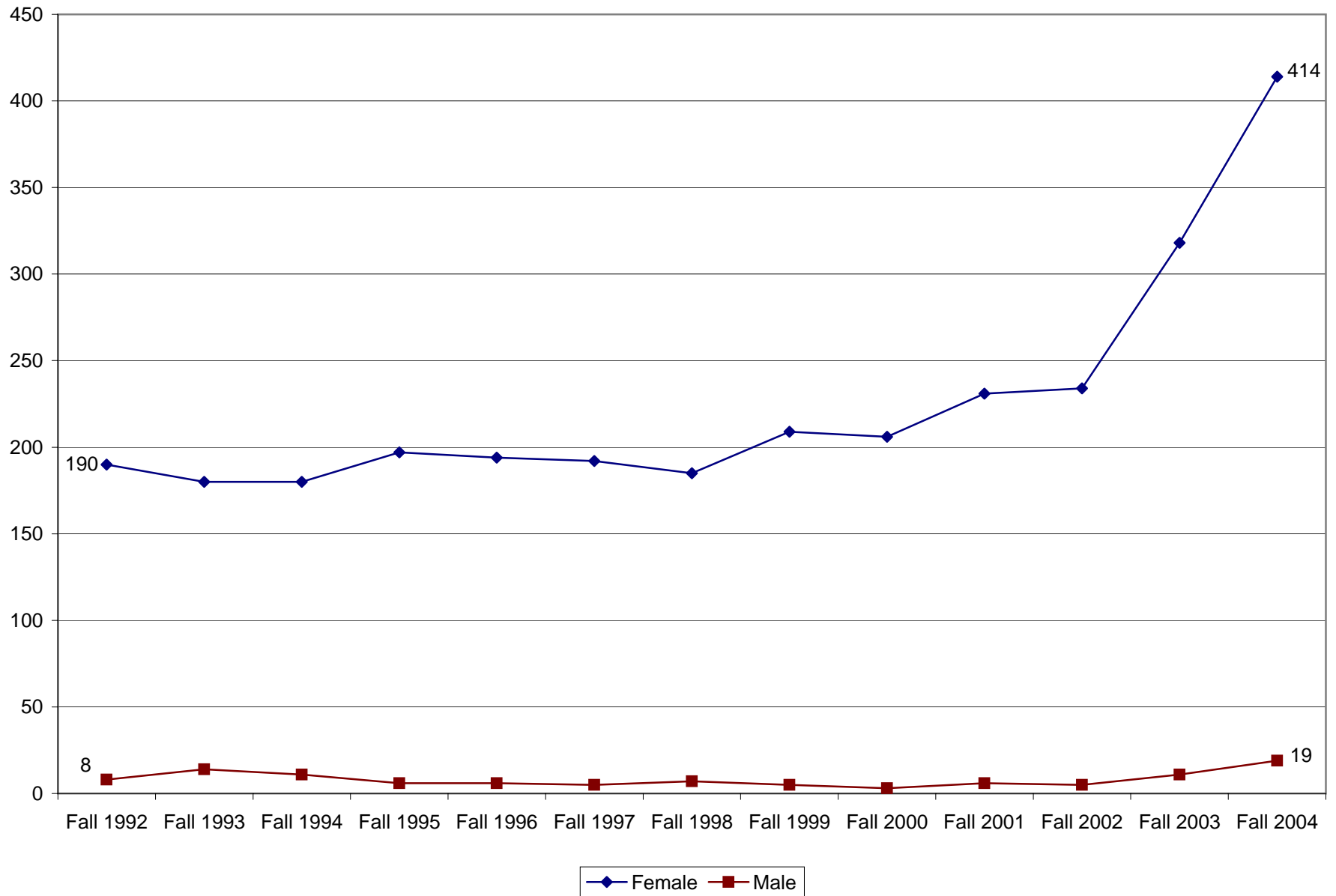
**JMU Undergraduate Majors by Sex: Fall 1992 to Fall 2004**  
**Modern Foreign Languages (Includes French, German, Russian and Spanish)**



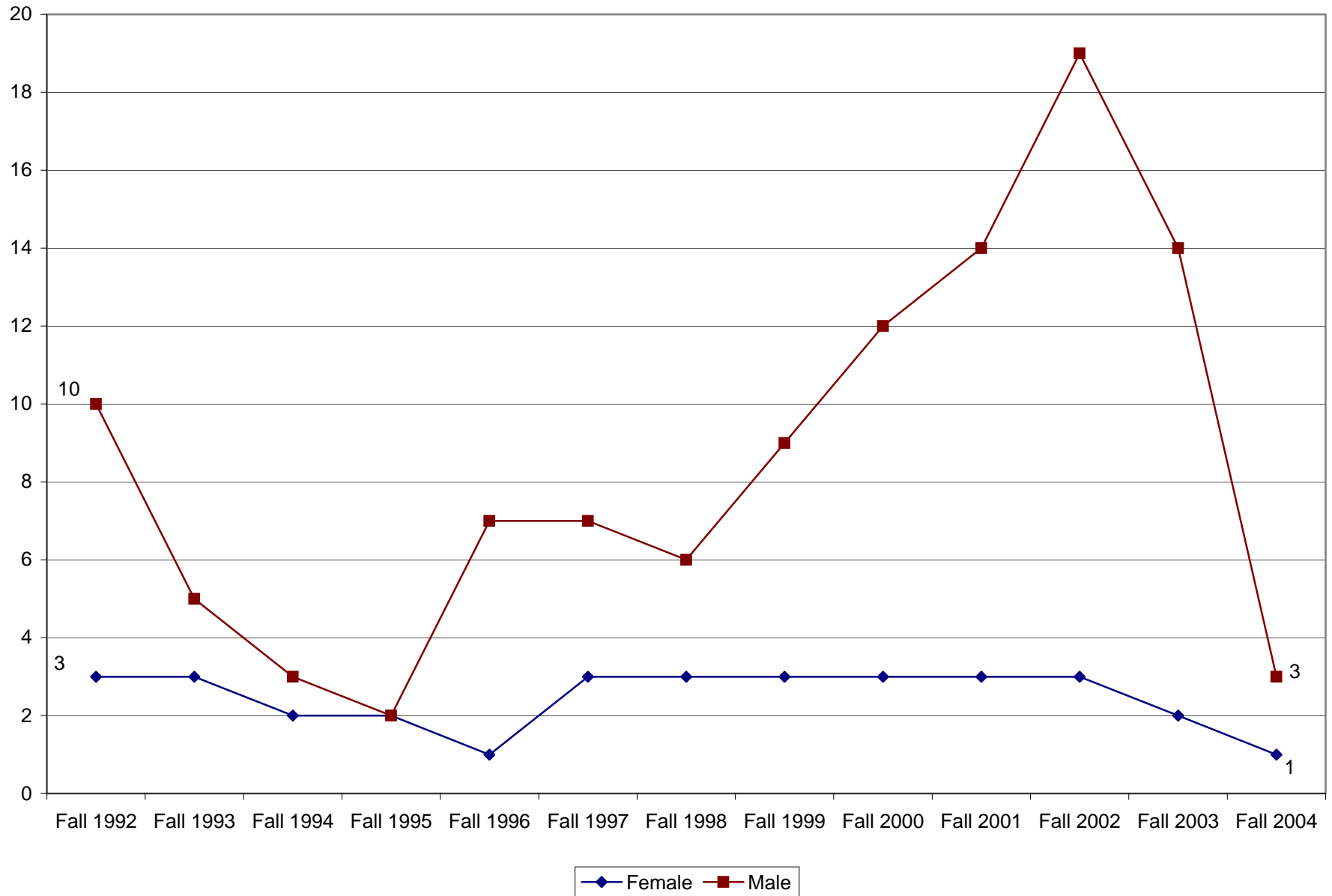
### JMU Undergraduate Majors by Sex: Fall 1992 to Fall 2004 Music



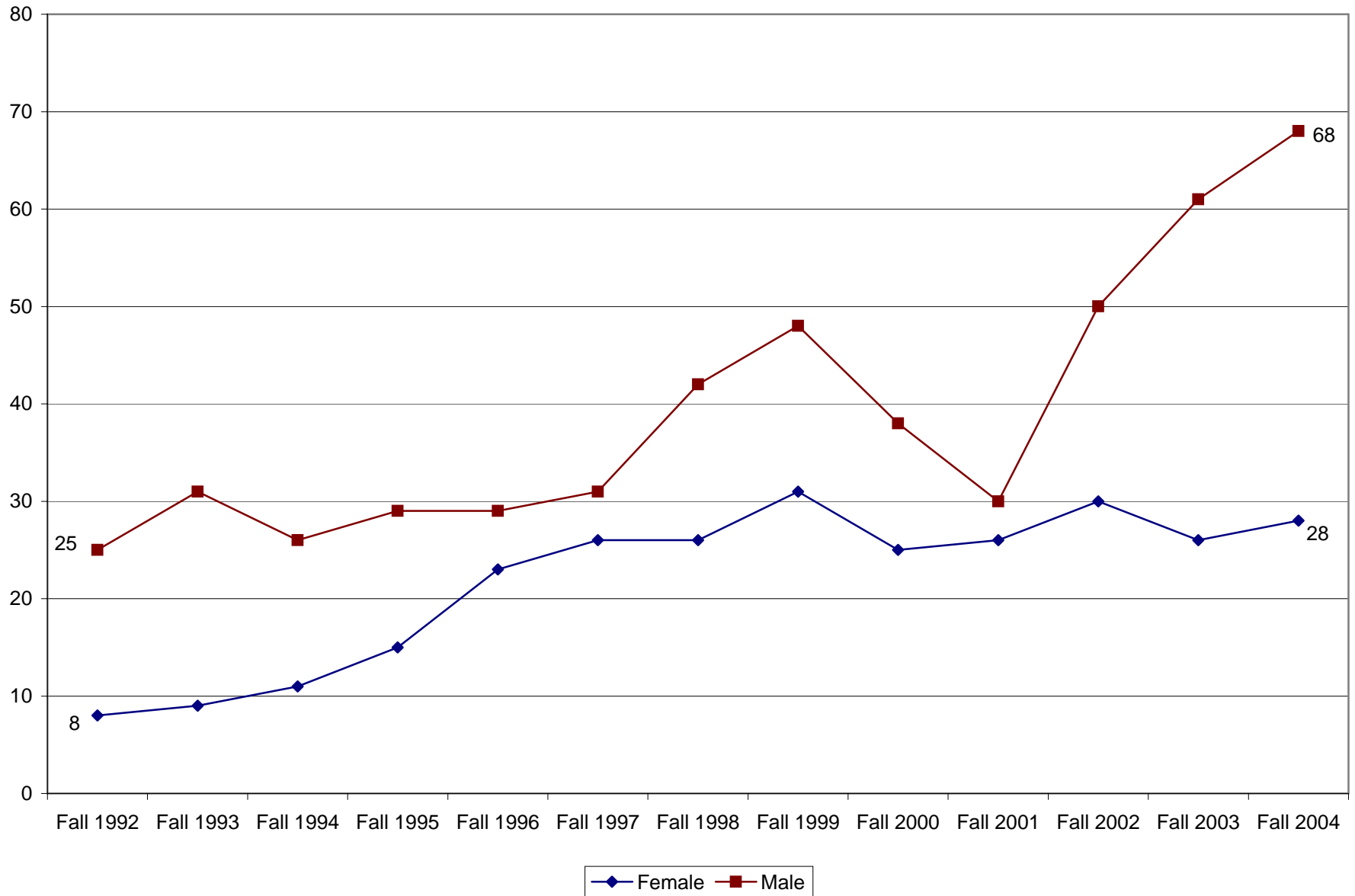
### JMU Undergraduate Majors by Sex: Fall 1992 to Fall 2004 Nursing



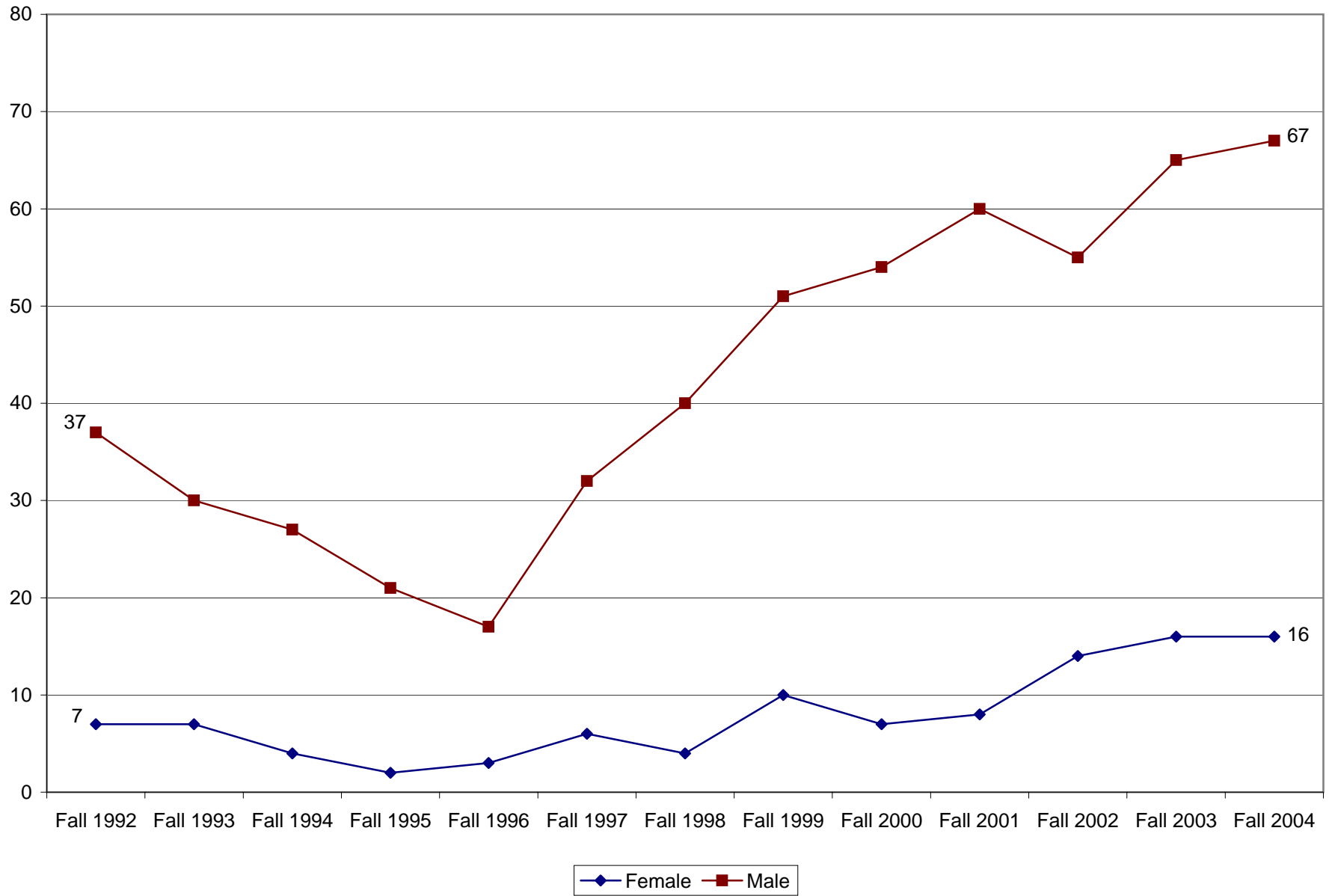
### JMU Undergraduate Majors by Sex: Fall 1992 to Fall 2004 Operations Management



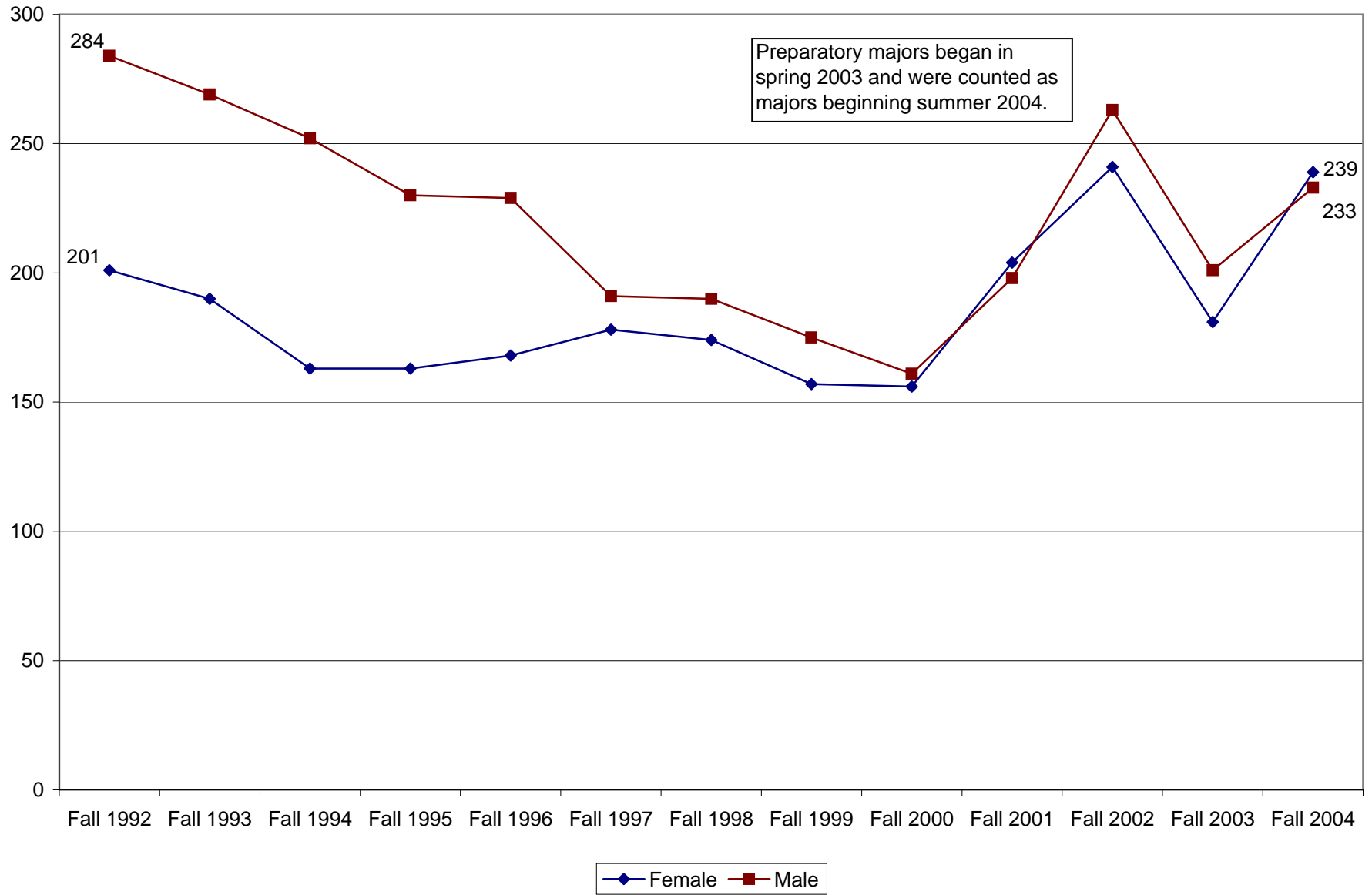
**JMU Undergraduate Majors by Sex: Fall 1992 to Fall 2004**  
**Philosophy & Religion**



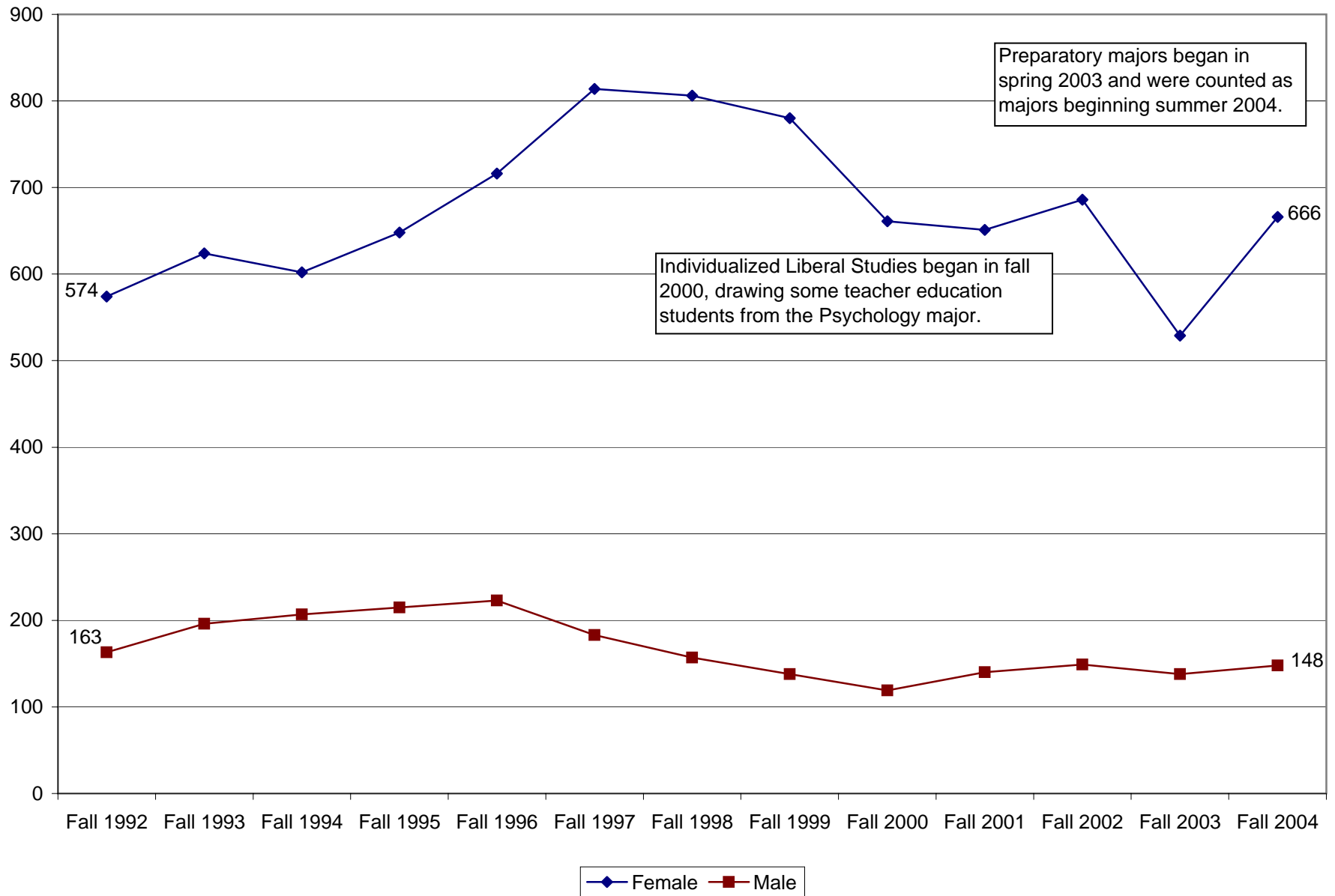
### JMU Undergraduate Majors by Sex: Fall 1992 to Fall 2004 Physics



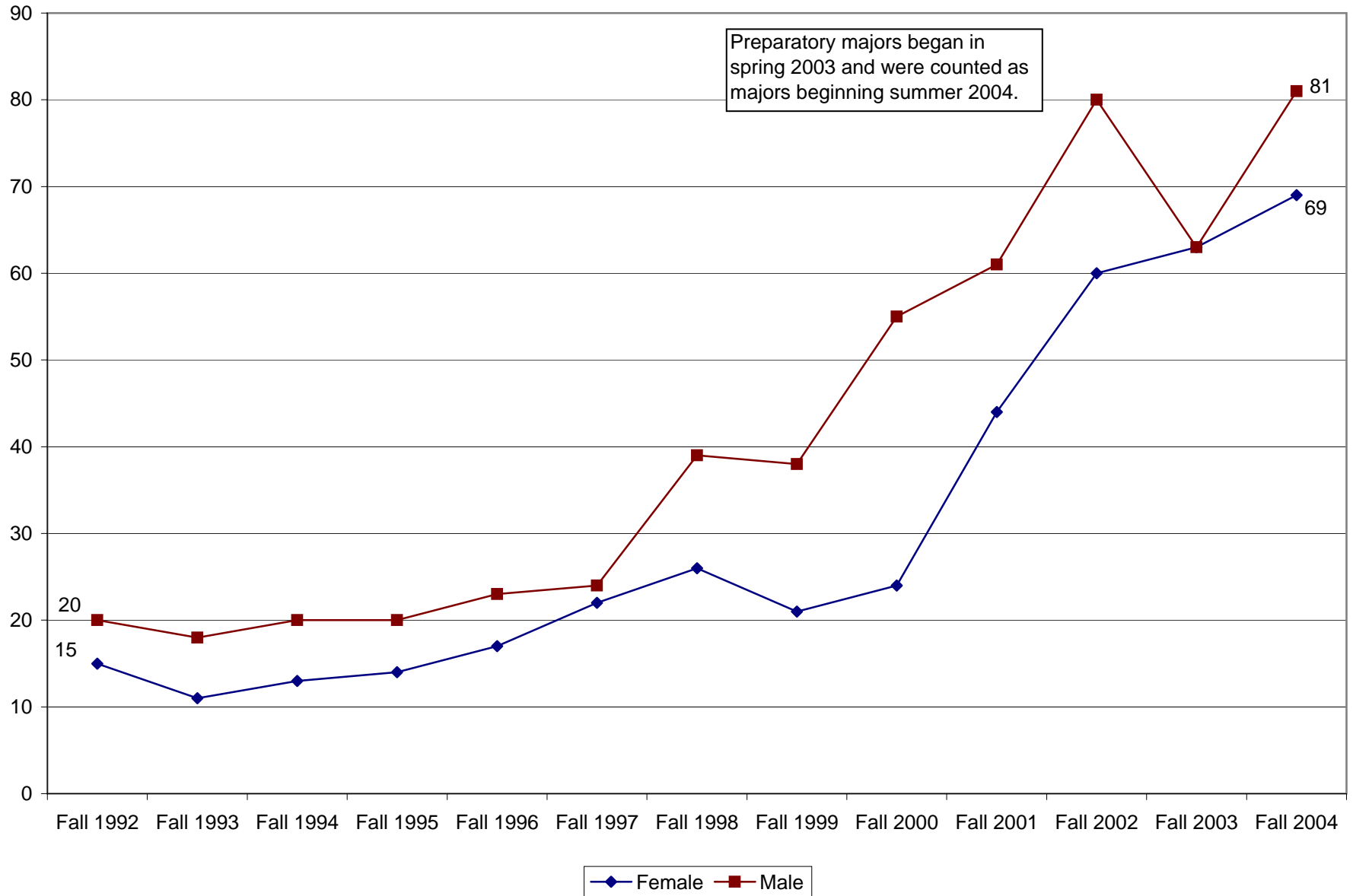
### JMU Undergraduate Majors by Sex: Fall 1992 to Fall 2004 Political Science



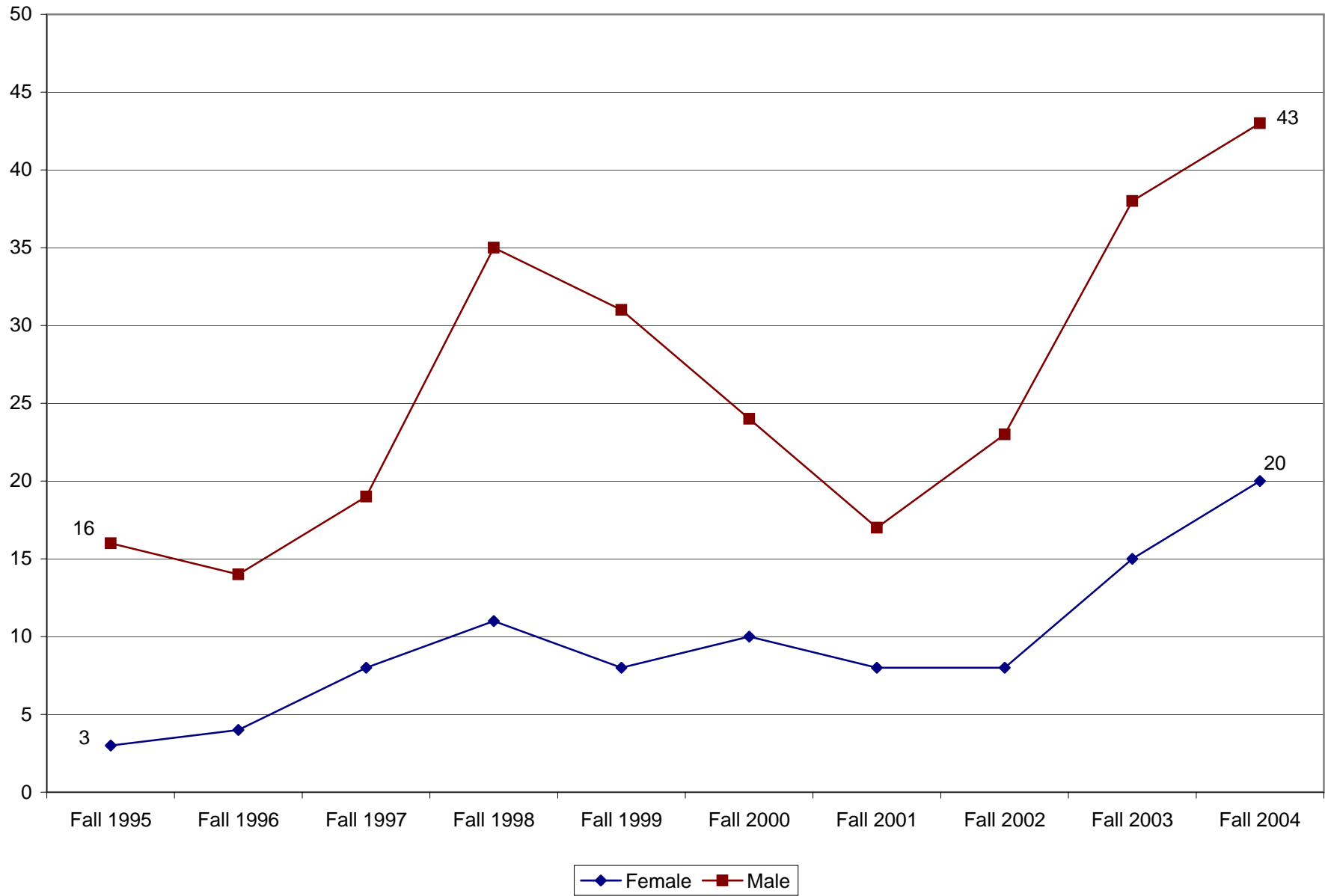
## JMU Undergraduate Majors by Sex: Fall 1992 to Fall 2004 Psychology



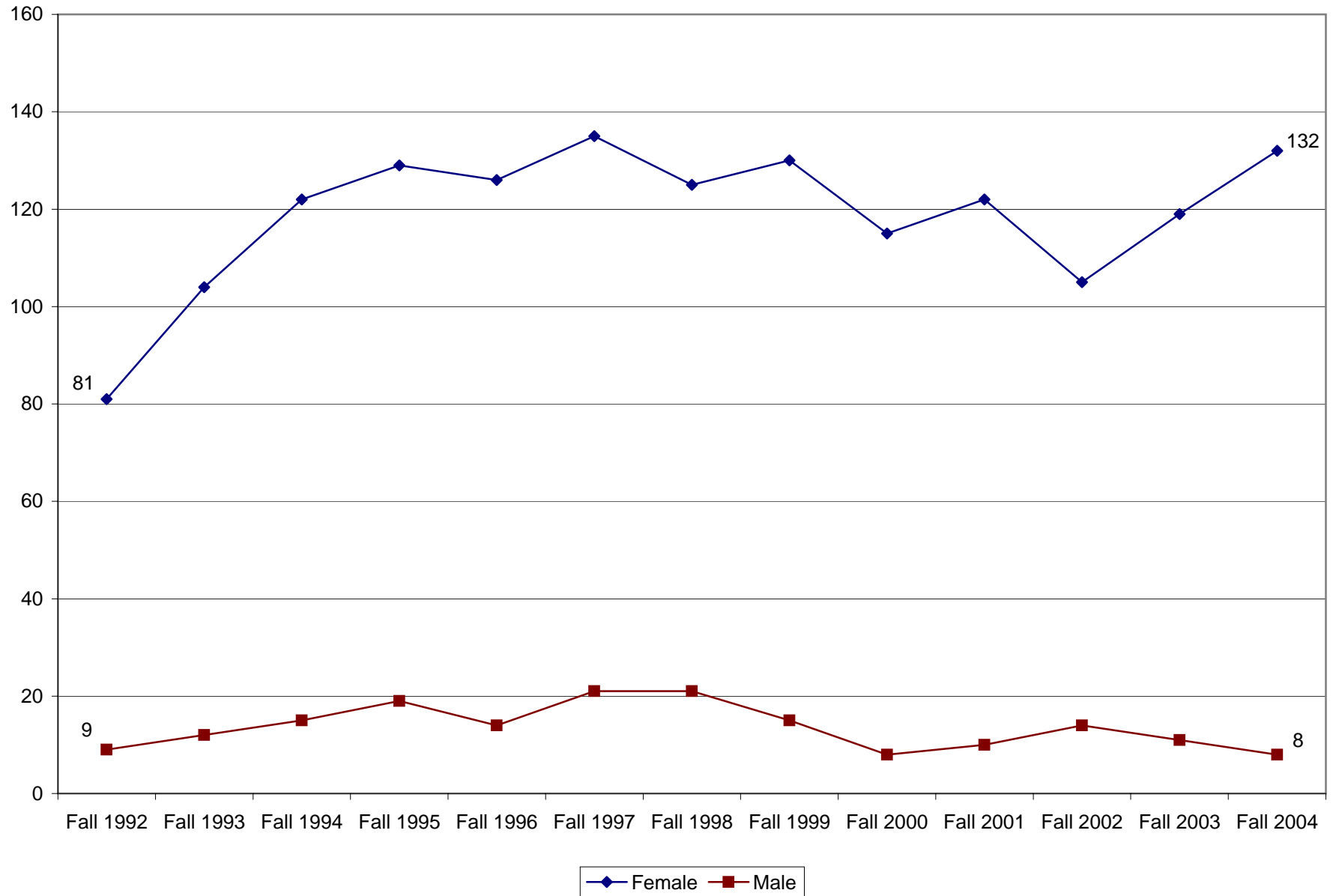
### JMU Undergraduate Majors by Sex: Fall 1992 to Fall 2004 Public Administration



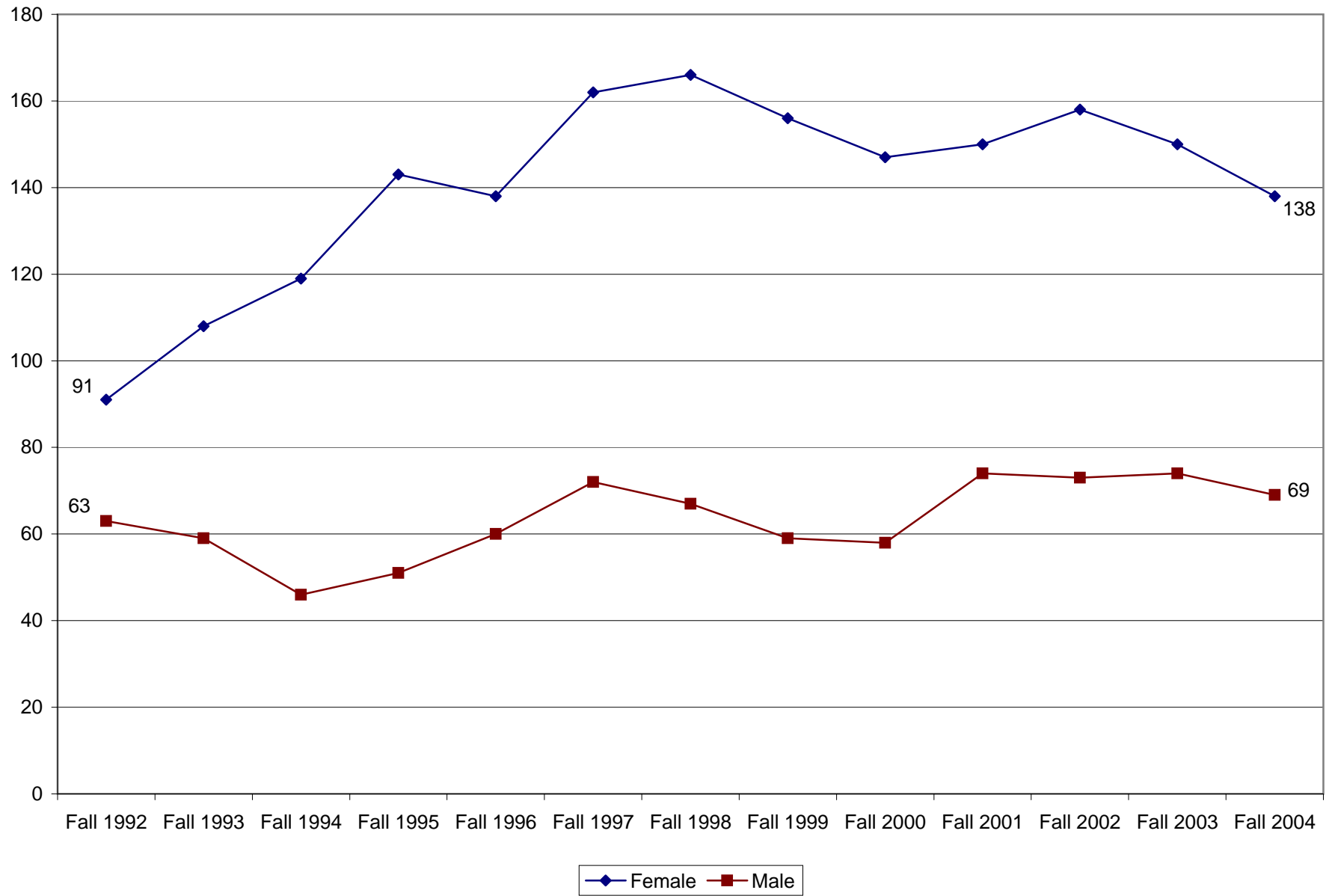
### JMU Undergraduate Majors by Sex: Fall 1995 to Fall 2004 Quantitative Finance



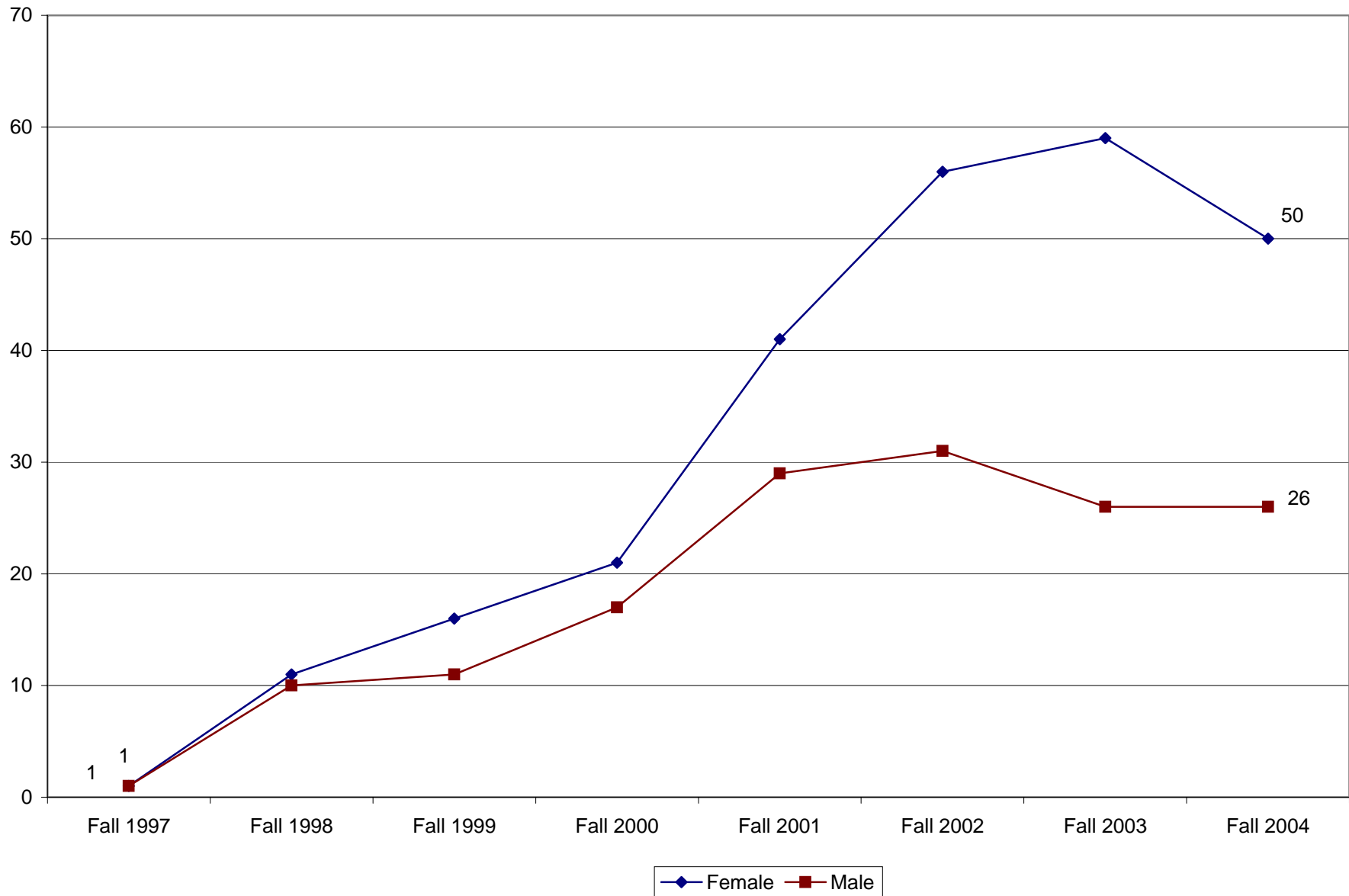
### JMU Undergraduate Majors by Sex: Fall 1992 to Fall 2004 Social Work



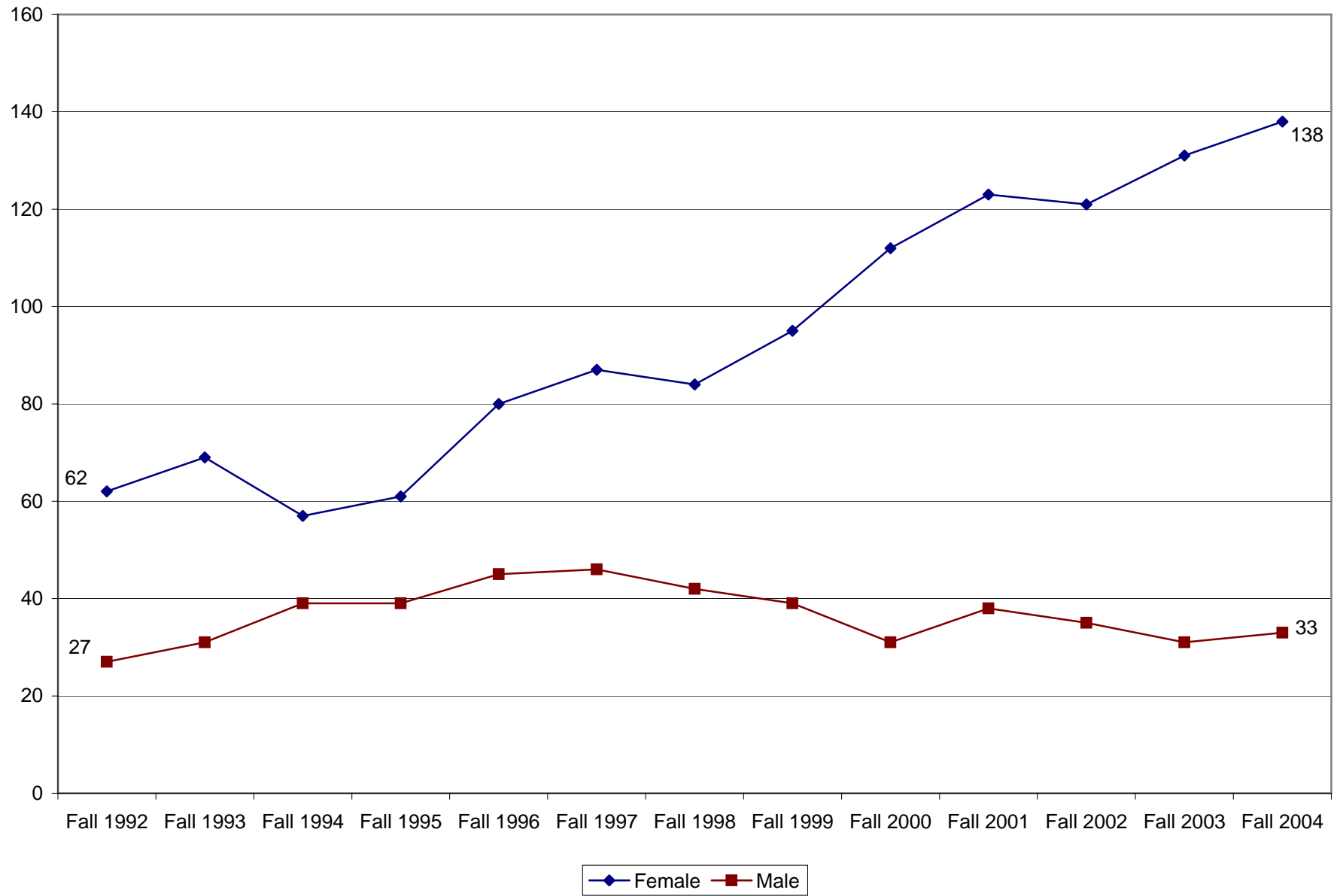
### JMU Undergraduate Majors by Sex: Fall 1992 to Fall 2004 Sociology



**JMU Undergraduate Majors by Sex: Fall 1997 to Fall 2004**  
**Technical & Scientific Communication**



### JMU Undergraduate Majors by Sex: Fall 1992 to Fall 2004 Theatre & Dance



### JMU Undergraduate Majors by Sex: Fall 1992 to Fall 2004 Undeclared

