

## Murray State University STEM Degrees/Credentials by Major and Level

| Major*/Level  | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|---|------|------|------|------|------|------|------|------|------|
| <b>STEM</b>   |      |      |      |      |      |      |      |      |      |
| <b>Agriculture (01)</b>                               |      |      |      |      |      |      |      |      |      |
| Graduate  |      | 14   | 22   | 26   | 28   | 22   | 23   | 21   | 23   |
| Undergraduate   | 48   | 62   | 77   | 67   | 74   | 66   | 55   | 77   | 86   |
| <b>Total</b>  | 54   | 76   | 99   | 93   | 102  | 88   | 78   | 98   | 109  |
| <b>Natural Resources (03)</b>                         |      |      |      |      |      |      |      |      |      |
| Graduate  | na   | na   | na   | na   | na   | na   | na   | na   | na   |
| Undergraduate   | 10   | 12   | 19   | 14   | 3    | 5    | 9    | 8    | 11   |
| <b>Total</b>  | 10   | 12   | 19   | 14   | 3    | 5    | 9    | 8    | 11   |
| <b>Communication Technologies (10)</b>                |      |      |      |      |      |      |      |      |      |
| Graduate  | na   | na   | na   | na   | na   | na   | na   | na   | na   |
| Undergraduate   | -    | -    | -    | -    | -    | -    | -    | 9    | 8    |
| <b>Total</b>  | -    | -    | -    | -    | -    | -    | -    | 9    | 8    |
| <b>Computer &amp; Information Sciences (11)</b>       |      |      |      |      |      |      |      |      |      |
| Graduate  | -    | -    | -    | 10   | 23   | 24   | 14   | 9    | 6    |
| Undergraduate   | 4    | 10   | 9    | 9    | 29   | 36   | 47   | 51   | 48   |
| <b>Total</b>  | 4    | 10   | 9    | 19   | 52   | 60   | 61   | 60   | 54   |
| <b>Engineering (14)</b>                               |      |      |      |      |      |      |      |      |      |
| Graduate  | na   | na   | na   | na   | na   | na   | na   | na   | na   |
| Undergraduate   | 2    | 2    | 12   | 9    | 11   | 8    | 5    | 15   | 13   |
| <b>Total</b>  | 2    | 2    | 12   | 9    | 11   | 8    | 5    | 15   | 13   |
| <b>Engineering Technologies (15)</b>                  |      |      |      |      |      |      |      |      |      |
| Graduate  | 6    | 71   | 46   | 56   | 65   | 76   | 60   | 64   | 56   |
| Undergraduate   | 112  | 86   | 104  | 99   | 85   | 92   | 93   | 72   | 90   |
| <b>Total</b>  | 118  | 157  | 150  | 155  | 150  | 168  | 153  | 136  | 146  |
| <b>Biological &amp; Biomedical Sci (26)</b>           |      |      |      |      |      |      |      |      |      |
| Graduate  | 5    | 7    | 5    | 11   | 8    | 11   | 6    | 12   | 5    |
| Undergraduate   | 32   | 40   | 44   | 42   | 38   | 36   | 46   | 36   | 41   |
| <b>Total</b>  | 37   | 47   | 49   | 53   | 46   | 47   | 52   | 48   | 46   |
| <b>Mathematics &amp; Statistics (27)</b>              |      |      |      |      |      |      |      |      |      |
| Graduate  | 4    | 8    | 5    | 3    | 3    | 2    | 3    | -    | 8    |
| Undergraduate   | 16   | 12   | 12   | 13   | 8    | 13   | 14   | 11   | 13   |
| <b>Total</b>  | 20   | 20   | 17   | 16   | 11   | 15   | 17   | 11   | 21   |
| <b>Physical Sciences (40)</b>                         |      |      |      |      |      |      |      |      |      |
| Graduate  | 6    | 2    | 2    | 3    | 1    | 8    | 11   | 13   | 7    |
| Undergraduate   | 16   | 19   | 31   | 20   | 18   | 20   | 22   | 16   | 27   |
| <b>Total</b>  | 22   | 21   | 33   | 23   | 19   | 28   | 33   | 29   | 34   |
| <b>Psychology (42)</b>                                |      |      |      |      |      |      |      |      |      |
| Graduate  | 6    | 3    | 6    | 7    | 7    | 8    | 8    | 12   | 11   |
| Undergraduate   | 15   | 11   | 23   | 12   | 22   | 22   | 30   | 26   | 33   |
| <b>Total</b>  | 21   | 14   | 29   | 19   | 29   | 30   | 38   | 38   | 44   |
| <b>Health Professions &amp; Related Sciences (51)</b> |      |      |      |      |      |      |      |      |      |
| Graduate  | 44   | 44   | 46   | 40   | 44   | 32   | 33   | 30   | 34   |
| Undergraduate   | 158  | 139  | 145  | 125  | 126  | 116  | 142  | 139  | 151  |
| <b>Total</b>  | 202  | 183  | 191  | 165  | 170  | 148  | 175  | 169  | 185  |
| <b>University Total</b>                               |      |      |      |      |      |      |      |      |      |
| Graduate  | 77   | 149  | 132  | 156  | 179  | 183  | 158  | 161  | 150  |
| Undergraduate   | 413  | 393  | 476  | 410  | 414  | 414  | 463  | 460  | 521  |
| <b>Total</b>  | 490  | 542  | 608  | 566  | 593  | 597  | 621  | 621  | 671  |

\* The number in parentheses indicates the CIP code of the program

NOTE: Includes students whose first or second major is in a STEM discipline

**Murray State University Degrees/Credentials by Level (as reported on IPEDS)**

| Level               | 1998         | 1999         | 2000         | 2001         | 2002         | 2003         | 2004         | 2005         | 2006         |
|---------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Certificate         |              |              |              | 3            | 1            | 1            |              |              |              |
| Associate           | 27           | 31           | 31           | 22           | 31           | 32           | 38           | 20           | 19           |
| Baccalaureate*      | 1,057        | 1,274        | 1,225        | 1,284        | 1,290        | 1,440        | 1,373        | 1,521        | 1,550        |
| Master's/Specialist | 478          | 458          | 502          | 550          | 583          | 573          | 570          | 570          | 566          |
| <b>Total</b>        | <b>1,562</b> | <b>1,763</b> | <b>1,758</b> | <b>1,859</b> | <b>1,905</b> | <b>2,046</b> | <b>1,981</b> | <b>2,111</b> | <b>2,135</b> |

\* Baccalaureate counts include first majors only

|                                |    |    |    |    |    |    |    |    |    |
|--------------------------------|----|----|----|----|----|----|----|----|----|
| Baccalaureate<br>second majors | 32 | 35 | 35 | 26 | 31 | 32 | 27 | 45 | 21 |
|--------------------------------|----|----|----|----|----|----|----|----|----|

Murray State University Degrees Conferred Trends

| Degrees Conferred               | 1999-2000 |      |       | 2000-2001 |      |       | 2001-2002 |      |       | 2002-2003 |      |       | 2003-2004 |      |       | 2004-2005 |      |       | 2005-2006 |      |       |
|---------------------------------|-----------|------|-------|-----------|------|-------|-----------|------|-------|-----------|------|-------|-----------|------|-------|-----------|------|-------|-----------|------|-------|
|                                 | Female    | Male | Total | Female    | Male | Total | Female    | Male | Total | Female    | Male | Total | Female    | Male | Total | Female    | Male | Total | Female    | Male | Total |
| <b>Certificate</b>              |           |      | 0     |           |      | 0     | 3         |      | 3     | 1         |      | 1     | 1         |      | 1     |           |      | 0     |           |      | 0     |
| Non-Res Alien                   |           |      | 0     |           |      | 0     |           |      | 0     |           |      | 0     |           |      | 0     |           |      | 0     |           |      | 0     |
| Black                           |           |      | 0     |           |      | 0     |           |      | 0     |           |      | 0     |           |      | 0     |           |      | 0     |           |      | 0     |
| Am Ind/Ala. Native              |           |      | 0     |           |      | 0     |           |      | 0     |           |      | 0     |           |      | 0     |           |      | 0     |           |      | 0     |
| Asian/Pac Islander              |           |      | 0     |           |      | 0     |           |      | 0     |           |      | 0     |           |      | 0     |           |      | 0     |           |      | 0     |
| Hispanic                        |           |      | 0     |           |      | 0     |           |      | 0     |           |      | 0     |           |      | 0     |           |      | 0     |           |      | 0     |
| White                           |           |      | 0     |           |      | 0     | 3         |      | 3     | 1         |      | 1     | 1         |      | 1     |           |      | 0     |           |      | 0     |
| Unknown                         |           |      | 0     |           |      | 0     |           |      | 0     |           |      | 0     |           |      | 0     |           |      | 0     |           |      | 0     |
| <b>Associate</b>                | 16        | 15   | 31    | 13        | 18   | 31    | 14        | 8    | 22    | 22        | 9    | 31    | 26        | 6    | 32    | 23        | 15   | 38    | 13        | 7    | 20    |
| Non-Res Alien                   |           | 1    | 1     |           | 1    | 1     | 1         |      | 1     |           | 1    | 1     | 1         |      | 1     |           | 1    | 1     | 1         |      | 1     |
| Black                           |           |      | 0     | 2         |      | 2     | 4         |      | 4     | 2         |      | 2     |           |      | 0     | 2         | 1    | 3     | 2         | 1    | 3     |
| Am Ind/Ala. Native              |           |      | 0     |           |      | 0     |           |      | 0     |           |      | 0     |           |      | 0     |           |      | 0     |           |      | 0     |
| Asian/Pac Islander              |           |      | 0     |           |      | 0     |           | 1    | 1     |           |      | 0     |           |      | 0     |           |      | 0     |           |      | 0     |
| Hispanic                        |           |      | 0     |           |      | 0     |           |      | 0     |           |      | 0     |           |      | 0     | 1         |      | 1     |           |      | 0     |
| White                           | 16        | 14   | 30    | 11        | 17   | 28    | 9         | 7    | 16    | 20        | 8    | 28    | 25        | 6    | 31    | 20        | 12   | 32    | 10        | 6    | 16    |
| Unknown                         |           |      | 0     |           |      | 0     |           |      | 0     |           |      | 0     |           |      | 0     |           | 1    | 1     |           |      | 0     |
| <b>Bachelor's (1st major)</b>   | 746       | 528  | 1,274 | 735       | 490  | 1,225 | 774       | 510  | 1,284 | 784       | 506  | 1,290 | 864       | 576  | 1,440 | 855       | 518  | 1,373 | 927       | 594  | 1,521 |
| Non-Res Alien                   | 9         | 16   | 25    | 16        | 29   | 45    | 19        | 13   | 32    | 23        | 23   | 46    | 24        | 32   | 56    | 22        | 21   | 43    | 14        | 28   | 42    |
| Black                           | 35        | 19   | 54    | 29        | 26   | 55    | 40        | 29   | 69    | 37        | 23   | 60    | 41        | 38   | 79    | 35        | 18   | 53    | 42        | 26   | 68    |
| Am Ind/Ala. Native              | 1         |      | 1     |           | 1    | 1     | 2         |      | 2     | 3         | 3    | 6     | 4         | 2    | 6     | 4         | 3    | 7     | 6         |      | 6     |
| Asian/Pac Islander              | 3         | 5    | 8     | 4         |      | 4     | 3         | 2    | 5     | 2         | 1    | 3     | 7         | 3    | 10    | 5         | 2    | 7     | 8         | 6    | 14    |
| Hispanic                        | 6         | 2    | 8     | 2         | 3    | 5     | 7         | 1    | 8     | 8         |      | 8     | 13        | 1    | 14    | 6         | 1    | 7     | 5         | 5    | 10    |
| White                           | 692       | 486  | 1,178 | 684       | 431  | 1,115 | 703       | 465  | 1,168 | 711       | 456  | 1,167 | 775       | 500  | 1,275 | 781       | 472  | 1,253 | 847       | 523  | 1,370 |
| Unknown                         |           |      | 0     |           |      | 0     |           |      | 0     |           |      | 0     |           |      | 0     | 2         | 1    | 3     | 5         | 6    | 11    |
| <b>Master's/Specialist's</b>    | 278       | 180  | 458   | 308       | 194  | 502   | 331       | 219  | 550   | 352       | 231  | 583   | 361       | 212  | 573   | 319       | 251  | 570   | 352       | 218  | 570   |
| Non-Res Alien                   | 34        | 46   | 80    | 36        | 57   | 93    | 44        | 52   | 96    | 64        | 75   | 139   | 41        | 47   | 88    | 26        | 40   | 66    | 41        | 44   | 85    |
| Black                           | 11        | 7    | 18    | 15        | 4    | 19    | 20        | 12   | 32    | 23        | 13   | 36    | 32        | 14   | 46    | 26        | 24   | 50    | 37        | 21   | 58    |
| Am Ind/Ala. Native              |           |      | 0     | 1         |      | 1     |           |      | 0     |           | 1    | 1     |           | 1    | 1     | 2         | 2    | 4     | 4         | 1    | 5     |
| Asian/Pac Islander              | 2         | 1    | 3     | 1         | 3    | 4     | 6         | 3    | 9     | 3         | 2    | 5     | 1         | 1    | 2     | 2         | 2    | 4     | 1         | 5    | 6     |
| Hispanic                        | 1         | 3    | 4     | 6         | 5    | 11    | 1         | 2    | 3     | 1         |      | 1     | 2         | 2    | 4     | 4         |      | 4     | 3         | 2    | 5     |
| White                           | 230       | 123  | 353   | 247       | 125  | 372   | 260       | 150  | 410   | 261       | 140  | 401   | 285       | 147  | 432   | 259       | 183  | 442   | 266       | 144  | 410   |
| Unknown                         |           |      | 0     | 2         |      | 2     |           |      | 0     |           |      | 0     |           |      | 0     |           |      | 0     |           | 1    | 1     |
| <b>University Minority* Tot</b> | 59        | 37   | 96    | 60        | 42   | 102   | 83        | 50   | 133   | 79        | 43   | 122   | 100       | 62   | 162   | 87        | 53   | 140   | 108       | 67   | 175   |
| <b>University Total</b>         | 1,040     | 723  | 1,763 | 1,056     | 702  | 1,758 | 1,122     | 737  | 1,859 | 1,159     | 746  | 1,905 | 1,252     | 794  | 2,046 | 1,197     | 784  | 1,981 | 1,292     | 819  | 2,111 |
| Non-Res Alien                   | 43        | 63   | 106   | 52        | 87   | 139   | 64        | 65   | 129   | 87        | 99   | 186   | 66        | 79   | 145   | 48        | 62   | 110   | 56        | 72   | 128   |
| Black                           | 46        | 26   | 72    | 46        | 30   | 76    | 64        | 41   | 105   | 62        | 36   | 98    | 73        | 52   | 125   | 63        | 43   | 106   | 81        | 48   | 129   |
| Am Ind/Ala. Native              | 1         | 0    | 1     | 1         | 1    | 2     | 2         | 0    | 2     | 3         | 4    | 7     | 4         | 3    | 7     | 6         | 5    | 11    | 10        | 1    | 11    |
| Asian/Pac Islander              | 5         | 6    | 11    | 5         | 3    | 8     | 9         | 6    | 15    | 5         | 3    | 8     | 8         | 4    | 12    | 7         | 4    | 11    | 9         | 11   | 20    |
| Hispanic                        | 7         | 5    | 12    | 8         | 8    | 16    | 8         | 3    | 11    | 9         | 0    | 9     | 15        | 3    | 18    | 11        | 1    | 12    | 8         | 7    | 15    |
| White                           | 938       | 623  | 1,561 | 942       | 573  | 1,515 | 975       | 622  | 1,597 | 993       | 604  | 1,597 | 1,086     | 653  | 1,739 | 1,060     | 667  | 1,727 | 1,123     | 673  | 1,796 |
| Unknown                         | 0         | 0    | 0     | 2         | 0    | 2     | 0         | 0    | 0     | 0         | 0    | 0     | 0         | 0    | 0     | 2         | 2    | 4     | 5         | 7    | 12    |

\* Minority does not include the *Non-Res Alien* or *Unknown* categories