Table 14
First-Year Full-Time Tuition and Fees<sup>a</sup> for Ph.D. Programs in 2016–17

		Ph.D.						
Auburn         AL         504         1,512         NA         1,624         Sem           Arizona**         AZ         812         1,729         95         NA         Sem           Arkansas         AR         412         824         NA         1,538         Sem           Chapman         CA         48,672*         48,672*         NA         0         Tri           Colifornia*         CA         1,916         1,916         NA         870         Tri           Southern California*         CA         1,761         1,761         NA         159         Sem           Colorado*         CO         152         656         NA         277         Sem           Colorado*         CO         152         656         NA         277         Sem           Howard         DC         31,309*         NA         1,489         Sem           Howard         DC         31,309*         NA         1,489         Sem           Howard         FL         26,667*         26,667*         NA         1,195         Tri           Florida         FL         449         139         80         NA         Sem	Institution	Location	Cost Per	State Cost Per Credit	Fees Per Credit	Mandatory Fees Per Academic		
Arizonae*         AZ         812         1,729         95         NA         Sem           Arkansas         AR         412         824         NA         1,538         Sem           Chapman         CA         48,672°         NA         0         Tri           Colifornio-San Francisco*         CA         11,220°         25,322°         NA         1,286         Ohr           Pocific-CA         CA         1,916         1,916         NA         870         Tri           Southen Colifornia*         CA         1,761         1,761         NA         159         Sem           Colorado**         CO         152         656         NA         277         Sem           Connecticut         CT         1,526         3,864         NA         976         Sem           Howard         DC         31,309°         31,309°         NA         1,489         Sem           Howard         PL         26,667°         26,667°         NA         1,195         Tri           Florida ARM         FL         449         139         80         NA         Sem           Nerrer         GA         0         0         0         NA<								
Arkansas         AR         412         824         NA         1,538         Sem           Chapman         CA         48,672°         48,672°         NA         0         Tri           California-San Francisco¹         CA         11,220°         25,322°         NA         1,286         Orr           Pacific-CA         CA         1,761         1,761         NA         870         Tri           Southern California¹         CA         1,761         1,761         NA         159         Sem           Colorada¹         CO         152         656         NA         277         Sem           Howard         DC         31,309°         31,309°         NA         1,489         Sem           Howard         DC         31,309°         31,309°         NA         1,489         Sem           Florida A&M         FL         406         1,022         0         0         Sem           Nova Southeastern         FL         26,667°         26,667°         NA         1,195         Tri           Horida         FL         449         139         80         NA         3.84           Howaii-Hillo         HI         479         1								
Chapman         CA         48,672°         48,672°         NA         0         Tri           Californio-San Francisco¹         CA         11,220°         25,322°         NA         1,286         Ohr           Pocific-CA         CA         1,916         1,916         NA         870         Tri           Southern Californio³         CA         1,761         1,761         NA         159         Sem           Colorado¹         CO         152         656         NA         277         Sem           Colorado¹         CO         152         656         NA         277         Sem           Howard         DC         31,309°         3,864         NA         976         Sem           Howard         DC         31,309°         NA         1,489         Sem           Howard         PL         406         1,022         0         0         Sem           Howard         FL         406         1,022         0         0         Sem           Hordad         FL         449         139         80         NA         Sem           Howari         FL         449         139         80         NA         25<								
California-San Franciscol         CA         11,220°         25,322°         NA         1,286         Qir           Pacific-CA         CA         1,916         1,916         NA         870         Tri           Southern California         CA         1,761         1,761         NA         157         Sem           Coloradol*         CO         152         656         NA         277         Sem           Howard         DC         31,309°         31,309°         NA         1,489         Sem           Howard         DC         31,309°         NA         1,489         Sem           Howard         FL         406         1,022         0         0         Sem           Nova Southeastern         FL         26,667°         26,667°         NA         1,195         Tri           Florida*         FL         449         139         80         NA         5em           Mercer         GA         0         0         0         NR         5em           Georgia         GA         354         1,004         1,004         2,270         Sem           Hawaii-Hilo         HI         479         1,097         NA         <								
Pacific-CA  Southern Californio  CA  1,761  1,761  1,761  NA  159  Sem  Colorado  CO  152  656  NA  277  Sem  Colorado  CO  152  656  NA  277  Sem  Colorado  CO  152  3,864  NA  P6  Sem  Howard  DC  31,309  31,309  NA  1,489  Sem  Plorida A&M  FL  406  1,022  0  0  Sem  Nova Southeastern  FL  26,667  EL  449  139  80  NA  Sem  Mercer  GA  0  0  0  0  NR  Georgia  GA  354  1,004  1,004  2,270  Sem  Hewaii-Hilo  HII  479  1,097  NA  450  Sem  Illinois at Chicagol  IL  478  988  NA  3,880  Sem  Undue  Illinois at Chicagol  IL  478  988  NA  3,880  Sem  Nova  Sem  Nova  In  In  575  1,751  NA  933  Sem  Iowa  In  In  A76  In  In  In  In  In  In  In  In  In  I	·							
Southern California         CA         1,761         1,761         NA         159         Sem           Coloradoh         CO         152         656         NA         277         Sem           Connecticut         CT         1,526         3,864         NA         976         Sem           Howard         DC         31,309°         31,309°         NA         1,489         Sem           Florida A&M         FL         406         1,022         0         0         Sem           Nova Southeastern         FL         26,667°         26,667°         NA         1,195         Tri           Florida'         FL         449         139         80         NA         Sem           Mercer         GA         0         0         0         NR         Sem           Haceria         GA         354         1,004         1,004         2,270         Sem           Hawaii-Hilo         HI         479         1,097         NA         450         Sem           Hadsoit-Hilo         HI         478         988         NA         3,880         Sem           Purdue*         IN         575         1,51         NA								
Colorado <sup>h</sup> CO         152         656         NA         277         Sem           Connecticut         CT         1,526         3,864         NA         976         Sem           Howard         DC         31,309°         31,309°         NA         1,489         Sem           Florida A&M         FL         406         1,022         0         0         Sem           Nova Southeastern         FL         26,667°         26,667°         NA         1,195         Tri           Florida         FL         449         139         80         NA         Sem           Mercer         GA         0         0         0         0         NA         Sem           Howaii-Hilo         HI         479         1,097         NA         450         Sem           Howaii-Hilo         HI         479         1,097         NA         450         Sem           Howaii-Hilo         HI         479         1,097         NA         450         Sem           Howaii-Hilo         HI         478         988         NA         3,880         Sem           Howaii-Hilo         HI         478         988         NA <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								
Connecticut         CT         1,526         3,864         NA         976         Sem           Howard         DC         31,309°         31,309°         NA         1,489         Sem           Florida A&M         FL         406         1,022         0         0         Sem           Nova Southeastern         FL         26,667°         26,667°         NA         1,195         Tri           Florida'         FL         449         139°         80         NA         Sem           Mercer         GA         0         0         0         0         NR         Sem           Mercer         GA         354         1,004         1,004         2,270         Sem           Mercer         GA         354         1,004         1,004         2,270         Sem           Idaho State         ID         426         655         0         0         Sem           Idaho State         ID         426         655         0         0         Sem           Illinois at Chicagei         IL         478         988         NA         3,880         Sem           Variule**         IN         575         1,751         NA								
Howard								
Florida A&M								
Nova Southeastern   FL   26,667°   26,667°   NA   1,195   Tri								
Floridal FL 449 139 80 NA Sem Mercer GA 0 0 0 0 0 NR Georgia GA 354 1,004 1,004 2,270 Sem Hawaii-Hilo HI 479 1,097 NA 450 Sem Ildinois at Chicagol IL 478 988 NA 3,880 Sem Purduek IN 575 1,751 NA 933 Sem Iowa IA 476 1,448 NA 508 Sem Iowa IA 476 1,448 NA 508 Sem Kansas KS 395 924 NA 910 Sem Maryland Eastern Shore MD 313 564 NA 100 Sem Maryland Eastern Shore MD 313 564 NA 100 Sem Northeastern MA 1,388 NA 280 Sem Northeastern MA 1,388 NA 280 Sem Northeastern MN 1,353 2,093 NA 1,525 Sem Mississippi MS 425 1,217 NA 0 Sem Missouri-Kansas City <sup>m</sup> MO 359 927 NA 788 Sem Missouri-Kansas City <sup>m</sup> MO 359 927 NA 788 Sem Missouri-Kansas City <sup>m</sup> NJ 689 1,172 NA 360 NR New Maryland NF 297 850 NA 1,837 Sem Northeastern NA 1,368 NA 1,350 Sem Northeastern NA 1,353 2,093 NA 1,525 Sem Mississippi MS 425 1,217 NA 0 Sem Missouri-Kansas City <sup>m</sup> MO 359 927 NA 788 Sem Northeastern NA 1,360 NR New Mexico NM 261 880 NA 1,837 Sem Northeastern NA 1,369 NA 359 NA 1,525 Sem Northeastern NA 1,360 NR New Mexico NM 261 880 NA 1,837 Sem Northacka NE 297 850 NA 1,850 Sem Rutgers <sup>n</sup> NJ 689 1,172 NA 360 NR New Mexico NM 261 880 NA 1,837 Sem New Mexico NM 261 880 NA 1,837 Sem North Dakota State NP 1,350 NA 360 NR New Mexico NM 261 880 NA 1,837 Sem North Dakota State NP 1,350 NA 360 NR New Mexico NM 261 880 NA 1,837 Sem North Carolina NC 536 1,492 NA 1,958 Sem North Dakota State ND 369 826 53 NA 56m North Dakota State ND 369 826 53 NA 56m North Dakota State ND 369 826 53 NA 56m North Dakota State ND 369 826 53 NA 56m North Dakota State ND 369 826 53 NA 56m North Dakota State ND 369 826 53 NA 56m North Dakota State ND 369 826 53 NA 56m North Dakota State ND 369 826 53 NA 56m North Dakota State ND 369 826 53 NA 56m North Dakota State ND 369 826 53 NA 56m North Dakota State ND 369 826 53 NA 56m North Dakota State ND 369 826 53 NA 56m North Dakota State ND 369 826 53 NA 56m North Dakota State ND 369 826 53 NA 56m North Dakota State ND 369 826 53 NA 56m North Dakota State ND 369 826 53 NA 56m North Dakota State ND 369 826 53 NA 56m North Dakota State ND 369						-		
Mercer         GA         0         0         0         0         NR           Georgia         GA         354         1,004         1,004         2,270         Sem           Hawaii-Hilo         HI         479         1,097         NA         450         Sem           Ildaho State         ID         426         655         0         0         Sem           Illinois at Chicago <sup>J</sup> IL         478         988         NA         3,880         Sem           Purduek*         IN         575         1,751         NA         933         Sem           Ilmos         IA         476         1,448         NA         508         Sem           Ilmos         IA         476         1,448         NA         508         Sem           Ilmos         IA         476         1,448         NA         508         Sem           Kansas         KS         395         924         NA         910         Sem           Kentucky         KY         648         1,544         NA         225         Sem           Louisiana at Monroe         LA         345         840         NA         400         Sem <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								
Georgia         GA         354         1,004         1,004         2,270         Sem           Hawaii-Hilo         HI         479         1,097         NA         450         Sem           Idaho State         ID         426         655         0         0         Sem           Illinois at Chicagol         IL         478         988         NA         3,880         Sem           Purduek*         IN         575         1,751         NA         933         Sem           Illinois at Chicagol         IL         478         988         NA         3,880         Sem           Illinois at Chicagol         IL         478         988         NA         3,880         Sem           Illinois at Chicagol         IL         476         1,448         NA         933         Sem           Illinois at Chicagol         IL         476         1,448         NA         508         Sem           Illinois at Chicagol         IL         476         1,448         NA         508         Sem           Montan         1,521         484         NA         508         Sem         NA         142         NA         142         NA         1400								
Hawaii-Hilo								
Idaho State         ID         426         655         0         0         Sem           Illinois at Chicago!         IL         478         988         NA         3,880         Sem           Purdue*         IN         575         1,751         NA         933         Sem           Iowa         IA         476         1,448         NA         508         Sem           Kansas         KS         395         924         NA         910         Sem           Kentucky         KY         648         1,544         NA         225         Sem           Kentucky         KY         648         1,544         NA         225         Sem           Louisiana at Monroe         LA         345         840         NA         400         Sem           Maryland         MD         466         865         412         NA         Sem           Maryland Eastern Shore         MD         313         564         34         NA         Sem           McPHS-Boston         MA         1,125         1,125         NA         960         Sem           McPHS-Boston         MA         1,388         1,388         NA         2	•							
Illinois at Chicago    IL   478   988   NA   3,880   Sem   Purdue*   IN   575   1,751   NA   933   Sem   lowa   IA   476   1,448   NA   508   Sem   Kansas   KS   395   924   NA   910   Sem   Kentucky   KY   648   1,544   NA   225   Sem   Louisiana at Monroe   LA   345   840   NA   400   Sem   Maryland   MD   466   865   412   NA   Sem   Maryland   Eastern Shore   MD   313   554   34   NA   Sem   MCPHS-Boston   MA   1,125   1,125   NA   960   Sem   Northeastern   MA   1,388   1,388   NA   280   Sem   Michigan   MI   1,152   2,367   NA   328   Sem   Michigan   MI   699   1,415   49   NA   Sem   Mississippi   MS   425   1,217   NA   0   Sem   Missouri-Kansas Citym   MO   359   927   NA   788   Sem   Mehrasa   NE   297   850   NA   1,850   Sem   Rutgers*   NJ   689   1,172   NA   360   NR   New Mexico   NM   261   880   NA   1,837   Sem   Na   MS   Sem   Na   Na   Sem								
Purduek         IN         575         1,751         NA         933         Sem           Iowa         IA         476         1,448         NA         508         Sem           Kansas         KS         395         924         NA         910         Sem           Kentucky         KY         648         1,544         NA         225         Sem           Louisiana at Monroe         LA         345         840         NA         400         Sem           Maryland         MD         466         865         412         NA         Sem           Maryland Eastern Shore         MD         313         564         34         NA         Sem           MCPHS-Boston         MA         1,125         1,125         NA         960         Sem           MCPHS-Boston         MA         1,125         1,125         NA         960         Sem           MCPHS-Boston         MA         1,125         1,125         NA         960         Sem           MCPHS-Boston         MA         1,125         1,125         NA         980         Sem           MCPHS-Boston         MA         1,125         1,236         NA								
Iowa	•							
Kansas         KS         395         924         NA         910         Sem           Kentucky         KY         648         1,544         NA         225         Sem           Louisiana at Monroe         LA         345         840         NA         400         Sem           Maryland         MD         466         865         412         NA         Sem           Maryland Eastern Shore         MD         313         564         34         NA         Sem           MCPHS-Boston         MA         1,125         1,125         NA         960         Sem           MCPHS-Boston         MA         1,388         1,388         NA         280         Sem           Michall         MB         1,415         49         NA </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								
Kentucky         KY         648         1,544         NA         225         Sem           Louisiana at Monroe         LA         345         840         NA         400         Sem           Maryland         MD         466         865         412         NA         Sem           Maryland Eastern Shore         MD         313         564         34         NA         Sem           MCPHS-Boston         MA         1,125         1,125         NA         960         Sem           MCPHS-Boston         MA         1,388         1,388         NA         280         Sem           MCPART         MB         1,415         49         NA         280         Sem           Mischald         MB         1,415         49         NA								
Louisiana at Monroe         LA         345         840         NA         400         Sem           Maryland         MD         466         865         412         NA         Sem           Maryland Eastern Shore         MD         313         564         34         NA         Sem           MCPHS-Boston         MA         1,125         1,125         NA         960         Sem           Mortheastern         MA         1,388         1,388         NA         280         Sem           Michigan         MI         1,152         2,367         NA         328         Sem           Michigan         MI         699         1,415         49         NA         Sem           Michigan         MI         699         1,415         49         NA         Sem           Minnesota         MN         1,353         2,093         NA         1,525         Sem           Minnesota         MN         1,353         2,093         NA         1,525         Sem           Missouri-Kansas Citym         MO         359         927         NA         788         Sem           Missouri-Kansas Citym         MO         359         927								
Maryland         MD         466         865         412         NA         Sem           Maryland Eastern Shore         MD         313         564         34         NA         Sem           MCPHS-Boston         MA         1,125         1,125         NA         960         Sem           Mortheastern         MA         1,388         1,388         NA         280         Sem           Michigan         MI         1,152         2,367         NA         328         Sem           Michigan         MI         699         1,415         49         NA         Sem           Minnesota         MI         1,353         2,093         NA         1,525         Sem           Mississisppi         MS         425         1,217         NA         0         Sem           Missouri-Kansas Citym         MO         359         927         NA	,							
Maryland Eastern Shore         MD         313         564         34         NA         Sem           MCPHS-Boston         MA         1,125         1,125         NA         960         Sem           Northeastern         MA         1,388         1,388         NA         280         Sem           Michigan         MI         1,152         2,367         NA         328         Sem           Michigan         MI         1,152         2,367         NA         328         Sem           Wayne Statel         MI         699         1,415         49         NA         Sem           Minnesota         MN         1,353         2,093         NA         1,525         Sem           Minnesota         MN         1,353         2,093         NA         1,525         Sem           Mississippi         MS         425         1,217         NA         0         Sem           Missouri-Kansas City <sup>m</sup> MO         359         927         NA         788         Sem           Missouri-Kansas City <sup>m</sup> MO         359         927         NA         788         Sem           Missouri-Kansas City <sup>m</sup> MO         359								
MCPHS-Boston         MA         1,125         1,125         NA         960         Sem           Northeastern         MA         1,388         1,388         NA         280         Sem           Michigan         MI         1,152         2,367         NA         328         Sem           Michigan         MI         1,152         2,367         NA         328         Sem           Michigan         MI         1,152         2,367         NA         328         Sem           Wayne Statel         MI         699         1,415         49         NA         Sem           Minnesota         MI         699         1,415         49         NA         Sem           Minnesota         MI         1,353         2,093         NA         1,525         Sem           Missouri-Kansa Citym         MO         359         927         NA         788         Sem           Missouri-Kansas Citym         MO         359         927         NA         788         Sem           Missouri-Kansas Citym         MO         359         927         NA         788         Sem           Mothasouri-Kansas Citym         MO         359         92	·							
Northeastern         MA         1,388         1,388         NA         280         Sem           Michigan         MI         1,152         2,367         NA         328         Sem           Wayne State <sup>I</sup> MI         699         1,415         49         NA         Sem           Minnesota         MN         1,353         2,093         NA         1,525         Sem           Mississispipi         MS         425         1,217         NA         0         Sem           Missouri-Kansas City <sup>m</sup> MO         359         927         NA         788         Sem           Montana         MT         246         1,067         74         NA         Sem           Nebraska         NE         297         850         NA         1,850         Sem           Rutgers <sup>n</sup> NJ         689         1,172         NA         360         NR           New Mexico         NM         261         880         NA         1,837         Sem           A & M Schwartz         NY         1,390         1,390         NA         1,804         Sem           St. John's         NY         1,350         1,350         NA<	· · · · · · · · · · · · · · · · · · ·							
Michigan         MI         1,152         2,367         NA         328         Sem           Wayne State!         MI         699         1,415         49         NA         Sem           Minnesota         MN         1,353         2,093         NA         1,525         Sem           Mississisppi         MS         425         1,217         NA         0         Sem           Missouri-Kansas Citym         MO         359         927         NA         788         Sem           Montager         MI         1,462         1,067         74         NA         Sem           Montager         NE         297         850         NA         1,850         Sem           Rutgers <sup>n</sup> NJ         689         1,172         NA         360         NR           New Mexico         NM         261         880         NA         1								
Wayne State!         MI         699         1,415         49         NA         Sem           Minnesota         MN         1,353         2,093         NA         1,525         Sem           Mississippi         MS         425         1,217         NA         0         Sem           Missouri-Kansas City <sup>m</sup> MO         359         927         NA         788         Sem           Montana         MT         246         1,067         74         NA         Sem           Nebraska         NE         297         850         NA         1,850         Sem           Rutgers <sup>n</sup> NJ         689         1,172         NA         360         NR           New Mexico         NM         261         880         NA         1,837         Sem           New Mexico         NM         261         880         NA         1,804         Sem           St. John's         NY         1,390         1,390         NA         1,804         Sem           St. John's         NY         1,350         1,350         NA         300         Sem           Buffalo         NY         453         898         NA								
Minnesota         MN         1,353         2,093         NA         1,525         Sem           Mississippi         MS         425         1,217         NA         0         Sem           Missouri-Kansas Citym         MO         359         927         NA         788         Sem           Montana         MT         246         1,067         74         NA         Sem           Nebraska         NE         297         850         NA         1,850         Sem           Rutgersn         NJ         689         1,172         NA         360         NR           New Mexico         NM         261         880         NA         1,837         Sem           A & M Schwartz         NY         1,390         1,390         NA         1,804         Sem           St. John's         NY         1,350         1,350         NA         300         Sem           St. John's         NY         1,350         1,350         NA         300         Sem           St. John's         NY         453         898         NA         2,405         Sem           North Carolina         NC         536         1,492         NA	•							
Mississippi         MS         425         1,217         NA         0         Sem           Missouri-Kansas City <sup>m</sup> MO         359         927         NA         788         Sem           Montana         MT         246         1,067         74         NA         Sem           Nebraska         NE         297         850         NA         1,850         Sem           Rutgers <sup>n</sup> NJ         689         1,172         NA         360         NR           New Mexico         NIM         261         880         NA         1,837         Sem           A & M Schwartz         NY         1,390         1,390         NA         1,804         Sem           St. John's         NY         1,350         1,350         NA         300         Sem           St. John's         NY         1,350         1,350         NA         300         Sem           St. John's         NY         453         898         NA         2,405         Sem           North Carolina         NC         536         1,492         NA         1,958         Sem           North Carolina         NC         536         1,492         NA								
Missouri-Kansas City <sup>m</sup> MO         359         927         NA         788         Sem           Montana         MT         246         1,067         74         NA         Sem           Nebraska         NE         297         850         NA         1,850         Sem           Rutgers <sup>n</sup> NJ         689         1,172         NA         360         NR           New Mexico         NM         261         880         NA         1,837         Sem           A & M Schwartz         NY         1,390         1,390         NA         1,804         Sem           St. John's         NY         1,350         1,350         NA         300         Sem           Buffalo         NY         453         898         NA         2,405         Sem           North Carolina         NC         536         1,492         NA         1,958         Sem           North Dakota State         ND         309         826         53         NA         Sem           Northeast Ohio         OH         531         542         37         NA         Sem           Cincinnati <sup>o</sup> OH         640         1,227         84								
Montana         MT         246         1,067         74         NA         Sem           Nebraska         NE         297         850         NA         1,850         Sem           Rutgers <sup>n</sup> NJ         689         1,172         NA         360         NR           New Mexico         NM         261         880         NA         1,837         Sem           A & M Schwartz         NY         1,390         1,390         NA         1,804         Sem           St. John's         NY         1,350         1,350         NA         300         Sem           Buffalo         NY         453         898         NA         2,405         Sem           North Carolina         NC         536         1,492         NA         1,958         Sem           North Dakota State         ND         309         826         53         NA         Sem           Northeast Ohio         OH         531         542         37         NA         Sem           Cincinnation         OH         640         1,227         84         NA         Sem           Toledop         OH         6,583d         11,751d         NA	• • • • • • • • • • • • • • • • • • • •							
Nebraska         NE         297         850         NA         1,850         Sem           Rutgers <sup>n</sup> NJ         689         1,172         NA         360         NR           New Mexico         NM         261         880         NA         1,837         Sem           A & M Schwartz         NY         1,390         1,390         NA         1,804         Sem           St. John's         NY         1,350         1,350         NA         300         Sem           Buffalo         NY         453         898         NA         2,405         Sem           North Carolina         NC         536         1,492         NA         1,958         Sem           North Dakota State         ND         309         826         53         NA         Sem           Northeast Ohio         OH         531         542         37         NA         Sem           Ohio State         OH         723         1,217         NA         750         Sem           Cincinnatio         OH         640         1,227         84         NA         Sem           Toledop         OH         6,583d         11,751d         NA	•							
Rutgers <sup>n</sup> NJ         689         1,172         NA         360         NR           New Mexico         NM         261         880         NA         1,837         Sem           A & M Schwartz         NY         1,390         1,390         NA         1,804         Sem           St. John's         NY         1,350         1,350         NA         300         Sem           Buffalo         NY         453         898         NA         2,405         Sem           North Carolina         NC         536         1,492         NA         1,958         Sem           North Dakota State         ND         309         826         53         NA         Sem           Northeast Ohio         OH         531         542         37         NA         Sem           Ohio State         OH         723         1,217         NA         750         Sem           Cincinnatio         OH         640         1,227         84         NA         Sem           Toledop         OH         6,583d         11,751d         NA         1,602         Sem								
New Mexico         NM         261         880         NA         1,837         Sem           A & M Schwartz         NY         1,390         1,390         NA         1,804         Sem           St. John's         NY         1,350         1,350         NA         300         Sem           Buffalo         NY         453         898         NA         2,405         Sem           North Carolina         NC         536         1,492         NA         1,958         Sem           North Dakota State         ND         309         826         53         NA         Sem           Northeast Ohio         OH         531         542         37         NA         Sem           Ohio State         OH         723         1,217         NA         750         Sem           Cincinnatio         OH         640         1,227         84         NA         Sem           Toledop         OH         6,583d         11,751d         NA         1,724         NR           Oklahoma         OK         204         791         NA         1,602         Sem								
A & M Schwartz         NY         1,390         1,390         NA         1,804         Sem           St. John's         NY         1,350         1,350         NA         300         Sem           Buffalo         NY         453         898         NA         2,405         Sem           North Carolina         NC         536         1,492         NA         1,958         Sem           North Dakota State         ND         309         826         53         NA         Sem           Northeast Ohio         OH         531         542         37         NA         Sem           Ohio State         OH         723         1,217         NA         750         Sem           Cincinnation         OH         640         1,227         84         NA         Sem           Toledop         OH         6,583d         11,751d         NA         1,724         NR           Oklahoma         OK         204         791         NA         1,602         Sem	•							
St. John's         NY         1,350         1,350         NA         300         Sem           Buffalo         NY         453         898         NA         2,405         Sem           North Carolina         NC         536         1,492         NA         1,958         Sem           North Dakota State         ND         309         826         53         NA         Sem           Northeast Ohio         OH         531         542         37         NA         Sem           Ohio State         OH         723         1,217         NA         750         Sem           Cincinnatio         OH         640         1,227         84         NA         Sem           Toledop         OH         6,583d         11,751d         NA         1,724         NR           Oklahoma         OK         204         791         NA         1,602         Sem								
Buffalo         NY         453         898         NA         2,405         Sem           North Carolina         NC         536         1,492         NA         1,958         Sem           North Dakota State         ND         309         826         53         NA         Sem           Northeast Ohio         OH         531         542         37         NA         Sem           Ohio State         OH         723         1,217         NA         750         Sem           Cincinnatio         OH         640         1,227         84         NA         Sem           Toledop         OH         6,583d         11,751d         NA         1,724         NR           Oklahoma         OK         204         791         NA         1,602         Sem								
North Carolina         NC         536         1,492         NA         1,958         Sem           North Dakota State         ND         309         826         53         NA         Sem           Northeast Ohio         OH         531         542         37         NA         Sem           Ohio State         OH         723         1,217         NA         750         Sem           Cincinnatio         OH         640         1,227         84         NA         Sem           Toledop         OH         6,583d         11,751d         NA         1,724         NR           Oklahoma         OK         204         791         NA         1,602         Sem								
North Dakota State         ND         309         826         53         NA         Sem           Northeast Ohio         OH         531         542         37         NA         Sem           Ohio State         OH         723         1,217         NA         750         Sem           Cincinnatio         OH         640         1,227         84         NA         Sem           Toledop         OH         6,583d         11,751d         NA         1,724         NR           Oklahoma         OK         204         791         NA         1,602         Sem								
Northeast Ohio         OH         531         542         37         NA         Sem           Ohio State         OH         723         1,217         NA         750         Sem           Cincinnatio         OH         640         1,227         84         NA         Sem           Toledop         OH         6,583d         11,751d         NA         1,724         NR           Oklahoma         OK         204         791         NA         1,602         Sem								
Ohio State         OH         723         1,217         NA         750         Sem           Cincinnatio         OH         640         1,227         84         NA         Sem           Toledop         OH         6,583d         11,751d         NA         1,724         NR           Oklahoma         OK         204         791         NA         1,602         Sem								
Cincinnatio         OH         640         1,227         84         NA         Sem           Toledop         OH         6,583d         11,751d         NA         1,724         NR           Oklahoma         OK         204         791         NA         1,602         Sem								
Toledop         OH         6,583 <sup>d</sup> 11,751 <sup>d</sup> NA         1,724         NR           Oklahoma         OK         204         791         NA         1,602         Sem								
Oklahoma         OK         204         791         NA         1,602         Sem								
Oregon State <sup>q</sup> OR         450         807         NA         1,651         Qtr	Oklahoma							
	Oregon State <sup>q</sup>	OR	450	807	NA	1,651	Qtr	

## First-Year Full-Time Tuition and Fees<sup>a</sup> for Ph.D. Programs in 2016–17

		Ph.D.						
Institution	Location	In State Cost Per Credit Hour	Out of State Cost Per Credit Hour	Mandatory Fees Per Credit hour <sup>b</sup>	Total Flat Mandatory Fees Per Academic Year <sup>b</sup>	Academic Term		
Duquesne	PA	1,486	1,486	108	NA	Sem		
Philadelphia	PA	1,618	1,618	0	0	Sem		
Temple <sup>r</sup>	PA	1,011	1,280	NR	NR	Sem		
Pittsburgh	PA	25,500 <sup>c</sup>	26,484 <sup>c</sup>	NA	415	Sem		
Rhode Island	RI	393	807	NA	1,721	Sem		
South Dakota State	SD	313	602	34	NA	Sem		
Tennessee	TN	583	1,680	NA	595	Sem		
Texas Southern	TX	335	693	NA	698	Sem		
Texas Tech <sup>s</sup>	TX	142	550	67	NA	Sem		
Houston	TX	423	931	NA	982	Sem		
Texas at Austin <sup>t</sup>	TX	1,271	1,879	0	0	Sem		
Utah	UT	245	861	409	NA	Sem		
Virginia Commonwealthu	VA	499	1,064	NA	2,447	Sem		
Washington <sup>v</sup>	WA	507	909	NA	1,059	Qtr		
Washington State	WA	561	1,233	NA	733	Sem		
West Virginia	WV	650	1,670	NA	1,278	Sem		
Wisconsin-Madison	WI	740	1,575	NA	1,215	Sem		
Wyoming	WY	241	<i>7</i> 21	NA	667	Sem		

## Notes:

- a: Some institutions may provide graduate assistantships, fellowships, or tuition remissions that cover the cost of tuition and/or fees. Please contact the institution for additional information.
- b: Institutions have reported their mandatory fees either by credit hour or by the total mandatory fees for the academic year.
- c: Amount reported is the total cost per academic year.
- d: Amount reported is the flat cost based on 15 credit hours.
- e: Tuition costs are capped at 7 credits for resident students and at 9 credits for non-resident students.
- f: Health insurance fee may be waived if the student can demonstrate other health insurance coverage.
- g: Ph.D. students are only responsible for \$159 of the total mandatory fees and the remainder is paid by faculty Pls/school.
- h: Reported fees do not include \$3,499 required health insurance fee. Fee may be waived if student can demonstrate other health insurance coverage.
- i: Non-resident students pay an additional financial aid fee.
- j: \$570 health insurance fee may be waived if student can demonstrate other health insurance coverage. Fees include a public transportation pass for full-time students.

- k: Tuition costs are capped at 8 credit hours for full-time students.
- I: Reported fees do not include \$286 registration fee per semester.
- m: Non-resident students with a graduate teaching or research assistantship are eligible for an out-of-state fee waiver.
- n: Fees vary. Please contact the school directly for more information.
- o: Kentucky and Indiana residents in certain counties are eligible for a special metropolitan rate which is less than non-resident tuition. Please see http://www.uc.edu/registrar/residency\_reciprocity\_metro.html.
- p: Additional costs per credit hour above 15 credit hours.
- q: Tuition cost is the same for students taking 9–16 credits.
- r: Fees vary by number of credit hours. Please contact the school directly for more information.
- s: Fees reported are an estimate based on 9 credit hours.
- t: Tuition and fees vary based on number of credit hours. Please contact the school directly for more information.
- u: Non-resident students pay an additional \$625 Capital Outlay fee.
- v: Please see website for more information: http://opb.washington.edu/content/quarterly-tuition-and-fees.

NA: Not applicable.

NR: Not reported.