

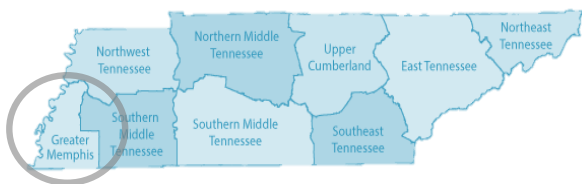


# Agriculture, Food and Natural Resources

Regional Career Opportunities – Listed by Highest Projected Demand



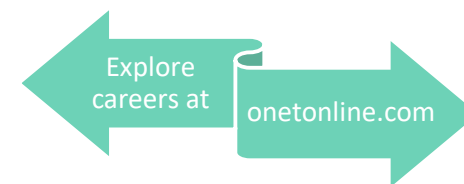
<b>Landscaping &amp; Groundskeeping Workers</b> Annual Openings = 415 Median Wage = \$26,247	<b>Industrial Truck &amp; Tractor Operators</b> Annual Openings = 770 Median Wage = \$30,310	<b>First-Line Supervisors of Office &amp; Administrative Support</b> Annual Openings = 620 Median Wage = \$53,670 ★	<b>Recreation Workers</b> Annual Openings = 195 Median Wage = \$22,470*	<b>Environmental Engineers</b> Annual Openings = 30 Median Wage = \$77,604
<b>Nonfarm Animal Caretakers</b> Annual Openings = 120 Median Wage = \$21,374	<b>Food Batchmakers</b> Annual Openings = 140 Median Wage = \$37,681 ★	<b>First-Line Supervisors of Landscaping, Lawn Service &amp;...</b> Annual Openings = 70 Median Wage = \$48,081 ★	<b>Graphic Designers</b> Annual Openings = 60 Median Wage = \$47,109 ★	<b>Natural Sciences Managers</b> Annual Openings = 15 Median Wage = \$110,519
<b>Farmworkers &amp; Laborers, Crop, Nursery &amp; Greenhouse</b> Annual Openings = 110 Median Wage = \$21,840*	<b>Refuse &amp; Recyclable Material Collectors</b> Annual Openings = 40 Median Wage = \$35,239 ★	<b>Chemical Technicians</b> Annual Openings = 30 Median Wage = \$44,599	<b>Biological Technicians</b> Annual Openings = 35 Median Wage = \$46,422	<b>Biological Science Teachers, Postsecondary</b> Annual Openings = 5 Median Wage = \$58,880
<b>Farmworkers, Farm, Ranch &amp; Aquacultural Animals</b> Annual Openings = 55 Median Wage = \$24,472	<b>Floral Designers</b> Annual Openings = 10 Median Wage = \$20,508	<b>Agriculture &amp; Food Science Technicians</b> Annual Openings = 15 Median Wage = \$40,832	<b>Environmental Science &amp; Protection Technicians</b> Annual Openings = 20 Median Wage = \$35,083	<b>Biochemists &amp; Biophysicists</b> Annual Openings = no data Median Wage = \$85,646
<b>Graders &amp; Sorters, Agricultural Products</b> Annual Openings = 25 Median Wage = \$24,210*	<b>Animal Trainers</b> Annual Openings = 10 Median Wage = \$24,170	<b>Audio &amp; Video Equipment Technicians</b> Annual Openings = 15 Median Wage = \$35,042	<b>Environmental Engineering Technicians</b> Annual Openings = 15 Median Wage = \$38,320	<i>Few regional occupations in this career cluster require education at this degree level.</i>



★ Top five high-value occupations in this career cluster for the  
**Greater Memphis Region**

Occupations with the highest annual openings that are stable or growing with median wages above \$35,000 are considered high-value.

\* State level data was used due to limitations in regional data.





# Agriculture, Food and Natural Resources



## Regional High School Requirements and Programs

English Language Arts	Math	Science	Social Studies	Foreign Language	Physical Education	Fine Arts	Elective Focus
English I	Algebra I	Biology	World History and Geography	Foreign Language I	Lifetime Wellness	Fine Arts Selection	Minimum of Three Courses
English II	Geometry	Chemistry	U.S. History	Foreign Language II	Strength and Exercise	-----	<i>Required: Freshman Mentoring Seminar</i>
English III	Algebra II	Physics	Economics and Government	-----	-----	-----	<i>See Agriculture, Food and Natural Resources career programs below.</i>
English IV	4 <sup>th</sup> Math Course	-----	-----	-----	-----	-----	

Year	Horticultural Science Program	Veterinary and Animal Science Program	Additional Electives	Regional Postsecondary Schools	
9	Freshman Mentoring Seminar (required)	Freshman Mentoring Seminar (required)	<input type="checkbox"/> _____	<b>Certificates and Associate's Degrees</b>	<b>Bachelor's and Advanced Degrees</b>
10	Career Success	Career Success	<input type="checkbox"/> _____	<b>Community Colleges</b> <ul style="list-style-type: none"> <li>Southwest Tennessee Community College</li> <li>Tennessee College of Applied Technology</li> </ul>	<b>Colleges and Universities</b> <ul style="list-style-type: none"> <li>University of Memphis</li> <li>University of Tennessee                             <ul style="list-style-type: none"> <li>- Heath Sciences Center</li> <li>- College of Medicine</li> </ul> </li> <li>Rhodes College</li> <li>Christian Brothers University</li> <li>Le Moyne-Owen College</li> </ul>
11	Greenhouse Management	Veterinary Science I	<input type="checkbox"/> _____		
12	Landscaping and Turf Science	Veterinary Science II	<input type="checkbox"/> _____		

## Postsecondary Programs/Majors for Occupations in this Career Cluster

Certificate or AA	Horticultural Science	Hazardous Materials Management & Waste Technology	Food Technology and Processing	Farm Equipment Mechanics and Service Technicians	Forest Technology / Forestry
Bachelor's Degree	TBD	TBD	TBD	TBD	TBD
Advanced Degree	TBD	TBD	TBD	TBD	TBD

