

CIVIL ENGINEERING

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**BUILDING THE
INFRASTRUCTURES
OF OUR WORLD**

UNIVERSITY of **HOUSTON** | ENGINEERING

WHAT IS CIVIL ENGINEERING?

Civil engineering is the professional discipline that focuses on the development and maintenance of both man-made and natural infrastructures. Civil engineers produce the facilities on which modern life depends, including roads, bridges, buildings, offshore structures, airports and levees, as well as the infrastructure required for the supply of clean water. Civil engineering includes a multitude of sub-disciplines, including geotechnical engineering, hydrosystems engineering, structural engineering and water resources engineering.

WHY THE UNIVERSITY OF HOUSTON?

The civil engineering graduate program at the University of Houston Cullen College of Engineering equips students with the extensive background necessary for practicing professional civil engineering in industry. The curriculum is focused on design, construction, management and operation to enable graduates of the program to cope with and solve current and future grand challenges facing the civil engineering field.

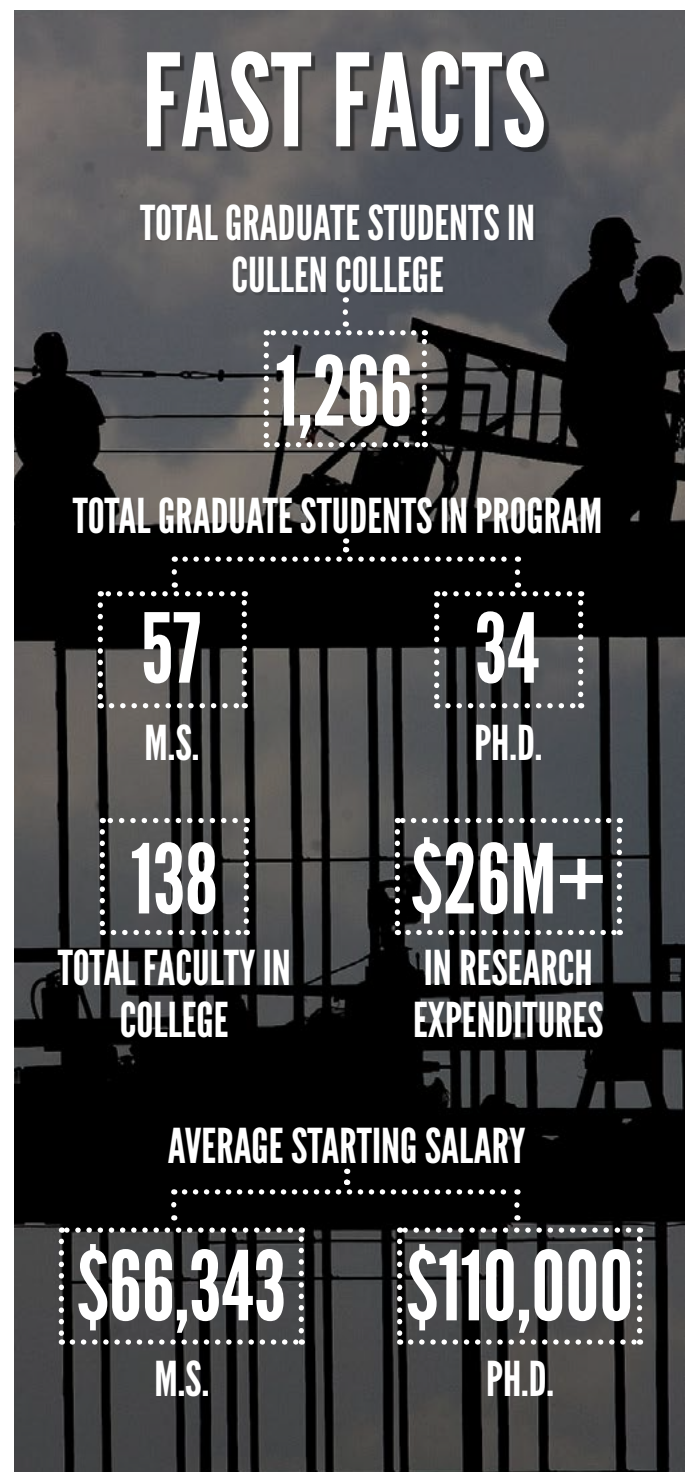
WHAT CAN I DO WITH A CIVIL ENGINEERING GRADUATE DEGREE?

Civil engineers find employment opportunities in both the private and public sectors. Career opportunities in civil engineering are excellent – especially in Houston, the Energy Capital of the World. Employment for civil engineers is expected to increase significantly, spurred by ongoing emphasis to improve our nation's infrastructure. Civil engineering tops the list of growing occupations released by the staffing agency Kelly Services, with an estimated 45,000 new jobs being created through 2023. Even better news for Cullen College civil engineering students: Houston is ranked as the top city in the U.S. for engineering demand.

A 2017 salary survey produced by the National Association of Colleges and Employers found that new graduates with an M.S. in civil engineering earn an average starting salary of \$66,343. Payscale.com reports that graduates with a Ph.D. in civil engineering earn an average annual salary of \$110,000.

WHAT TYPES OF GRADUATE DEGREES DO YOU OFFER IN CIVIL ENGINEERING?

The UH Cullen College of Engineering offers M.S. non-thesis, M.S. thesis and Ph.D. degrees in civil engineering. Students have the option of taking some civil engineering courses online.



FOR MORE INFORMATION

For more information on eligibility and admission requirements, please visit www.cive.uh.edu/programs/civil-graduate