

# Engineering Program Podcast

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Hello, my name is Maggie and I am a staff member in The Graduate School at Grand Valley State University. Thank you for taking the time to learn more about GVSU's Master of Science in Engineering. Today we're going to cover the admissions process, program requirements, and the qualities that distinguish this program.

The US job market currently employs 1.6 million engineers. On average, engineering jobs have been growing at a 7% rate in recent years. The median salary for engineers with master's degrees is 9 to 13 percent higher than engineers with bachelor's degrees alone. Besides the dramatic increase in earning potential over a career, engineers with master's degrees have greater opportunities for career advancement.

Let's start by explaining to you what this program entails. The Master of Science in Engineering program will prepare students to become technical leaders in their profession as well as strong candidates for doctoral programs through lecture and lab courses. This is a 33 credit hour program and can be completed in 2 years as a full-time student or in 4 years as a part-time student. Recently, we have also begun offering an accelerated curriculum that allows students to complete their MSE in just one year! The "Faster Master", as it is popularly called, is designed to help students get their graduate degrees earlier, start earning sooner, and recoup their tuition outlay faster.

Standard Grand Valley admission requirements include completion of the online application as well as a Bachelor's degree from an accredited institution of higher education. Your application must include official transcripts, and if English is not your native language you must provide scores from one of our approved standardized tests such as the TOEFL, IELTS, MELAB, or the PTE Academic. There is a \$30 nonrefundable application fee, however this fee is waived if you attended GVSU previously or are currently attending GVSU.

Additional admission requirements for the Master of Science in Engineering program include a resume, a personal statement outlining your educational goals, and three letters of recommendation. International applicants also need to submit an official GRE score.

More program details as well as the online application can be found on the Engineering program website, [www.gvsu.edu/grad/mse/](http://www.gvsu.edu/grad/mse/).

The great news about Grand Valley's graduate programs is that tuition rates for Michigan resident and non-resident students are the same. In other words, there are no extra costs for being an out of state student. Current tuition costs and information about scholarships and financial aid can be found at [www.gvsu.edu/financialaid](http://www.gvsu.edu/financialaid) or by calling 616-331-3234. For information on graduate assistantships, please contact The Graduate School at [gradschool@gvsu.edu](mailto:gradschool@gvsu.edu).

The Master of Science in Engineering program allows students to choose from one of the following five emphases areas: Biomedical Engineering, Electrical and Computer Engineering, Manufacturing Operations, Mechanical Engineering, and Product Design and Manufacturing Engineering. For a complete listing of all courses please visit [www.gvsu.edu/grad/mse](http://www.gvsu.edu/grad/mse).

GVSU's School of Engineering is at the heart of West Michigan's industrial zone. The Master of Science in Engineering program is highly integrated with the surrounding industries offering opportunities for real world experience through internships, graduate practicums, and Industry Sponsored Graduate Fellowships. The curriculum in this program emphasizes project-based learning in collaboration with the partnering industries. Here, students learn in small classes and receive individual attention from the highly qualified passionate faculty members.

That is just a snapshot of the Master of Science in Engineering graduate program at Grand Valley State University. We hope that you will consider applying to a program at GVSU. Any questions can be directed to the Graduate Program Director, Dr. Samhita Rhodes, at [rhodesam@gvsu.edu](mailto:rhodesam@gvsu.edu) or to The Graduate School at [gradschool@gvsu.edu](mailto:gradschool@gvsu.edu). Thank you for your time and we hope you have enjoyed this podcast.