

# DU HỌC MỸ

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# ABOUT ME

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- Research interests: robotics, optimization
- B.S at Hanoi University of Science and Technology ( 2014)
- M.S at Gwangju Institute of Science and Technology (GIST), South Korea (2018)
- Currently PhD student at University of Southern California, Los Angeles (2020 – 2025)
- *Got admissions with fully funding from UC San Diego (Top 9), Purdue University (Top 4), University of Southern California (Top 10), [per U.S. News & World Report for graduate engineering program](#)*

# WHY STUDY IN THE USA?

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- High-quality education
- Multicultural, freedom
- 3 years working available after M.S/PhD in STEM
- Summer internship during study
- Great place for engineering jobs.

# UNDERGRADUATE PROGRAM

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## WHO PAY FOR YOUR 4-5 YEARS?

- By yourself
- Some universities offer scholarship for internationally students

## ADMISSION REQUIREMENTS



English (ielts 6.5/ Toeft iBT 80)



SAT



Good GPA ( $\geq 8/10$ )



Personal Statement



Recommendation letters



Check deadline carefully for each university and plan ahead

# MASTER PROGRAM

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- Usually 2 years
- Coursework-based or thesis-based program

Click to add text



# PHD PROGRAM

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- Usually 5 years
- Research topics:
  - discussed with your advisor
  - should related with current's lab projects
  - Matching research interests is really important!
- Require Screening exam + Qualifying exam
- Satisfy graduate requirements: course credits + publications

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# ADMISSION REQUIREMENTS

Spring and Fall Semester



English (Ielts 6.5/ Toefl iBT 80)



GRE (Math > 160, Verbal >140, Writing: 3)



Good GPA ( $\geq 8/10$ )



Research Statement



3 Recommendation letters



Check deadline carefully for each university and plan ahead



Some universities only accept Fall enrollment

# ADMISSION PROCESS (M.S AND PH.D)

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- Admission requirements (previous slide)
- Admission committee of each department
- Your advisor is required
  - if you apply for PhD program,



# WHO PAY FOR MY STUDY? (MASTER)

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- Pay by yourself
  - Teaching Assistant (TA) (Paid by department)
    - Hold office hours to answer course-related questions
    - Grading
  - Research Assistant (RA) ( Paid by professor)
  - Grader: grading homework/ exams (Paid by department)
  - Other funding resources: On-campus jobs
- Tuition fee + Living stipend
- Living stipend

*NOTE: The funding for M.S students is normally not guaranteed*

# WHO PAY FOR MY STUDY? (PH.D)

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- Teaching Assistant (TA) (Paid by department)
  - Hold office hours to answer course-related questions
  - Grading
- Research Assistant (RA)
  - Paid by your advisor
- Fellowships
  - By department or by external sources

Tuition fee + Living stipend

*NOTE: The funding for PhD students is normally guaranteed*

# HOW TO APPLY SUCCESSFULLY (FOR M.S PROGRAM)

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- Need to satisfy **admission requirements**
- If you are looking for RA funding in advance
  - Should have strong research experience
  - Contact professors and schedule interviews before application to see if they have RA funding available for you.
- If you pay for study by your own => Don't need to contact professors in advance
- After you arrived US, you can look for funding from
  - TA/ RA
  - On-campus jobs
  - Grader

# HOW TO APPLY SUCCESSFULLY (FOR PHD PROGRAM)

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- Good GPA ( at least 8/10)
- Should have research papers (published/accepted is best)
  - Choose the right target universities based on your publications.
  - Top universities (top 10) normally require at least two top conference/ journals.
- Looking for professors
  - Match with your research interests
  - Personality, lab culture
  - Weather

# HOW TO APPLY SUCCESSFULLY (FOR PHD PROGRAM)

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- Contact professors and schedule interviews
  - Some professors are likely to interview before you apply
  - Others prefer to interview after you apply and pass the committee round
- Should apply 5-10 universities
  - Always have back-up plan



# AFTER GETTING ADMISSION

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- Congratulation!
- To get visa:
  - Admission letter, I-20
  - Proof of financial support

# JOB OPPORTUNITIES

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- 3 years working available after M.S/PhD in STEM
- Summer internship during study

# QUESTIONS AND ANSWERS

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- Where can I search for good universities:
  - [2023-2024 Best Graduate Engineering Schools - US News](#)
  - [World University Rankings | Times Higher Education \(THE\)](#)

# QUESTION & ANSWER

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- Should I apply M.S program in the US if I don't have a publication?
  - **YES**, the M.S programs don't require publications, unless you are seeking RA fellowship from professors
  - However, research experience or working experience **would be a plus**
- Should I apply PhD program in the US without publication?
  - **NO**, research papers are required. Because it's very competitive.
- How many papers can be enough to apply for PhD?
  - At least one (not require top journal/conference)
  - **BUT** Depends on the ranking of your target universities. Top universities typically require top conferences/ journals.

# QUESTION & ANSWER

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- Should I apply PhD when I only have B.S degree?
  - Yes, if you have at least one research paper + good GPA
  - If you don't have a paper and good GPA after B.S, you should consider pursue M.S to publish good papers and "refresh" your GPA