



Accelerated Masters Degrees And Senior Design Class

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Bridge to Masters Degrees

An International Accelerated Master's Program

Collaboration with two Chinese Universities

- Tongji
- Soochow
- Initial programs in Civil Engineering and expanding

Uniqueness

- UA allows strong undergraduates at partner institutions to enroll in UA on-line graduate courses as accelerated Masters Program (AMP) classes
- Chinese schools recognize our graduate courses as elective courses in their BS degree
- UA allows double counting of AMP units for our MS degree
- Earn Engineering Certificates earned as well.



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Certificate programs

- Intermediate milestone and credential for those not able/interested in coming to the US
- UA mechanism to streamline enrollment process overcoming degree program enrollment requirements
- Currently finalizing certificate requirements

Benefits

- Students - Double counting units reduces time in US to complete degree from 1.5 – 2 years to 10 mos.
- Favorable tuition model
- Masters' course enrollment is capped for elective classes
- No visa requirements for year in China



ENGR 498: Interdisciplinary Engineering Design

- Interdisciplinary – ECE, MechE, SysE, IE, EMG, OptiE, BME, ABE, MSE, EnvE
- 75 projects – 60 industry, 15 faculty
- 1 project mentor for each 6 projects – industrial experience
- 4, 5, and 6 person team – 375 students in AY 17.
- Starts in August and ends in May – Design Day
- ABET team loved our approach

We would love to have international partners!

We have the projects!



Engineering

ENGR 498: Interdisciplinary Engineering Design



<http://www.engineering.arizona.edu/undergrad/senior-design-program>

