

GRADUATE EMBEDDED CERTIFICATE IN SPACE ENTREPRENEURSHIP

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| MGT 6663 | Technology Strategy |
| MGT 8803 | Special Topics in Management (Innovation Analysis) |

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| Total Credit Hours | 12 |
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Students complete 3 hours from each area to earn the certificate.

Students may also petition to substitute a course not listed as an option.

| Code | Title | Credit Hours |
|------------------------------|---|--------------|
| Engineering | | 3 |
| AE 6310 | Optimization for the Design of Engineered Systems | |
| AE 6322 | Spacecraft and Launch Vehicle Design I | |
| AE 6353 | Orbital Mechanics | |
| AE 6372 | Aerospace Systems Engineering | |
| AE 6450 | Rocket Propulsion | |
| AE 6451 | Electric Propulsion | |
| AE 6561 | Reliable Control Software for Aerospace and Embedded Applications | |
| AE 8803 | Special Topics (Satellite Orbit Determination) | |
| AE 8803 | Special Topics (Spacecraft Attitude Determination and Control) | |
| ECE 6390 | Satellite Communications and Navigation Systems | |
| ECE 8873 | Special Topics (Technology Entrepreneur) | |
| NRE 8803 | Special Topics in Nuclear Engineering | |
| Science | | 3 |
| BIOL 6607 | Molecular Biology of Microbes: Disease, Nature, and Biotechnology | |
| BIOL/EAS 6765 | Geomicrobiology | |
| AE/EAS 8803 | Special Topics (Space Instrumentation) | |
| CHEM 8813/8823 | Special Topics in Inorganic Chemistry (Instrument Design) | |
| EAS 6360 | Space Physics and Space Instrumentation | |
| EAS 6380 | Land Remote Sensing | |
| EAS 6370 | Physics of Planets | |
| International Affairs | | 3 |
| INTA 6011 | International Trade and Technology Transfer | |
| INTA 6740 | Innovation, the State and Industrial Development in International Perspective | |
| INTA 6753 | Comparative Science and Technology Policy | |
| INTA 8803 | Special Topics (Space Policy) | |
| INTA 8803 | Special Topics (Space Security) | |
| Business | | 3 |
| MGT 6056 | Electronic Commerce-Conducting Business on the Internet | |
| MGT 6059 | Emerging Technologies | |
| MGT 6086 | Entrepreneurial Finance and Private Equity | |
| MGT 6165 | Venture Creation | |
| MGT 6667 | Strategic Entrepreneurship | |