

Space Commercialization – Minor

Students interested in pursuing a minor in Space Commercialization may do so through the Individualized Degree Program (IDP). This multi-disciplinary minor program blends coursework grounded in engineering and physics with coursework that introduces space systems integration and space commercialization (for-profit operations in the space environment). The program is viable for MSU Denver’s student population since Colorado is a leader in U.S. space commerce and gross dollars spent in the national aerospace industry.

A unique opportunity in this program is that the student will also:

1. *Earn the MSU Denver certificate in Space Commercialization*
2. *Gain experience in the industry standard AGI Corp Satellite Toolkit orbital dynamics and mission planning simulation system*

Space Commercialization Minor

This minor will provide a better understanding of commercialized (for profit) operations in near-Earth or space environments and prepare the student for opportunities within the industry.

Required Courses Semester Hours

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| AST 1040 Introduction to Astronomy | 3 |
| MET 1050 Introduction to Space | 3 |
| AES 3600 Space Flight Operations I | 3 |
| AES 4601 Space Flight Operations II | 3 |
| AES 4602 Aerospace Comm Operations..... | 3 |
| AES 4603 Aerospace Ops Sys Anal& Des | 3 |
| AES 4607 Orbital Mech & Projects Sim** | 3 |
| <i>Total.....</i> | <i>21</i> |

* **AGI Corp. Satellite Toolkit Lab (STK Lab)

