DUAL SEAS BACHELOR OF
SCIENCE AND MASTER OF
SCIENCE IN THE FIELD OF DATA
ANALYTICS

The School of Engineering and Applied Science (SEAS) offers
a dual degree program that includes a bachelor of science in
one of the SEAS majors listed below (http://bulletin.gwu.edu/
engineering-applied-science/#undergraduatetext) (with
a minor in computer science (http://bulletin.gwu.edu/
engineering-applied-science/computer-science/minor/))
and master of science in the field of data analytics (http://bulletin.gwu.edu/engineering-applied-science/engineering-
management-systems-engineering/data-analytics-ms/). All
requirements for both degrees and the minor program must be
fulfilled.

The following bachelor of science majors are eligible for this
program:

- Biomedical engineering
- Civil engineering
- Civil engineering, option in environment
e ngineering, medical preparation, civil engineering, or
 transportation and sustainability
- Computer engineering
- Electrical engineering
- Electrical engineering, option in energy or medical
 preparation
- Systems engineering
- Mechanical engineering
- Mechanical engineering, option in
aerospace, biomechanical, medical preparation, patent law,
or robotics

6 graduate credits (two courses) may be shared
between the two degrees, 3 credits of which should
be in CSCI 6011. Students may substitute comparable
undergraduate coursework in systems/architecture
for CSCI 6011, in which case another 6000-level
course must be taken in its place. Students must select two
of the following courses as electives for the minor program:
CSCI 3212, CSCI 3410, or CSCI 3411. CSCI 6212 may be
substituted for CSCI 3212. However, CSCI 6212 cannot be
counted as one of the two graduate courses taken during
the undergraduate program.

Students must have a minimum 3.4 technical GPA at the time of
graduation from the undergraduate program to continue to the
master’s program as part of a dual degree.