Associate's Degree

Dean: William H. Clements
Associate Dean of Continuing Studies: Mark L. Parker

Associate's Degree

Enrollment in the Associate of Science (A.S.) degree is available only to select U.S. military personnel under a memorandum of understanding (MOU) between Norwich University and specific U.S. military branches or commands. The Associate of Science degree seeks to provide students with a broad liberal arts education in the key academic domains as well as focused coursework in a specific area of professional and/or personal interest.

Graduates of the A.S. program are well-prepared to matriculate a bachelor's degree completion program if desired. The Norwich University Associate's Degree offers majors in Computer Science, Cybersecurity, Business Administration, or Data Analytics.

The A.S. program requires a minimum of 60 credits. It consists of three curriculum components:

- General Education (27 credits)
- Major:
  - Computer Science (24 credits)
  - Cybersecurity (24 credits)
  - Business Administration (24 credits)
  - Data Analytics (26 credits)
- Electives (9 credits). (As approved by the A.S. Program Manager)

Requirements

General Education

EN 101	Composition and Literature I	3
EN 102	Composition and Literature II	3
INTD 200	The Partridge Seminar	3
PHLS 205	Critical Thinking	3
HIST 210	History of US Constitution	3
ENGL 250	Crime in Literature	3
or		
ENGL 270	Military Literature	3
MA 102	Mathematics: A Liberal Art	3
SCIE 301	Environmental Science	3
or		
SCIE 310	Scien Basis of Sustainability	3
SOCI 209	Methods of Social Science Research	3
Total Cr.		**27**

Computer Science Major

MA 107	Precalculus Mathematics	4
MA 108	Applied Calculus	4
CYBR 110	Introduction to Computer Programming	3
CYBR 210	Computer Programming with a High Level Language	3
CYBR 215	Computer Programming with a Low Level Language	3
EE 215	Fundamentals of Digital Design	4
CS 270	Operating Systems & Parallelism	3
Electives as approved by Program Manager		9
Total Cr.		**33**

Cybersecurity Major

CYBR 220	Windows Server Administration	3
CYBR 201	Fundamentals of Computer Networking	3
CYBR 210	Computer Programming with a High Level Language	3
CYBR 215	Computer Programming with a Low Level Language	3
CYBR 225	Linux Administration	3
CYBR 230	Relational Databases with SQL	3
IA 340	Introduction to Information Assurance	3
CJ 341	Cyber Law and Cyber Crime	3
Electives as approved by Program Manager		9
Total Cr.		**33**

Data Analytics

MA 107	Precalculus Mathematics	4
MA 108	Applied Calculus	4
MA 306	Discrete Mathematics	3
MA 332	Advanced Statistical Methods	3
DTAN 301	Introduction to Data & Business Analytics	3
DTAN 320	Introduction to Machine Learning & Artificial Intelligence	3
DTAN 330	Introduction to Network Science	3
DTAN 344	Data Visualization	3
Electives as approved by Program Manager		9
Total Cr.		**35**

Business Administration Major

MA 232	Elementary Statistics	3
ECON 201	Macroeconomics	3
ECON 202	Microeconomics	3
ACCT 351	Managerial Accounting	3
FNCE 350	Fundamentals of Finance I	3
FNCE 351	Fundamentals in Finance II	3
MNGT 309	Mngt of Organizations	3
MNGT 341	Business Law I	3
Electives as approved by Program Manager		9
Total Cr.		**33**