

Legend

General Education
Major
Emphasis Core
Electives

Certificate of Proficiency
Computer Science

Total Credits: 19

Certificate of Completion
Programmer

Total Credits: 30

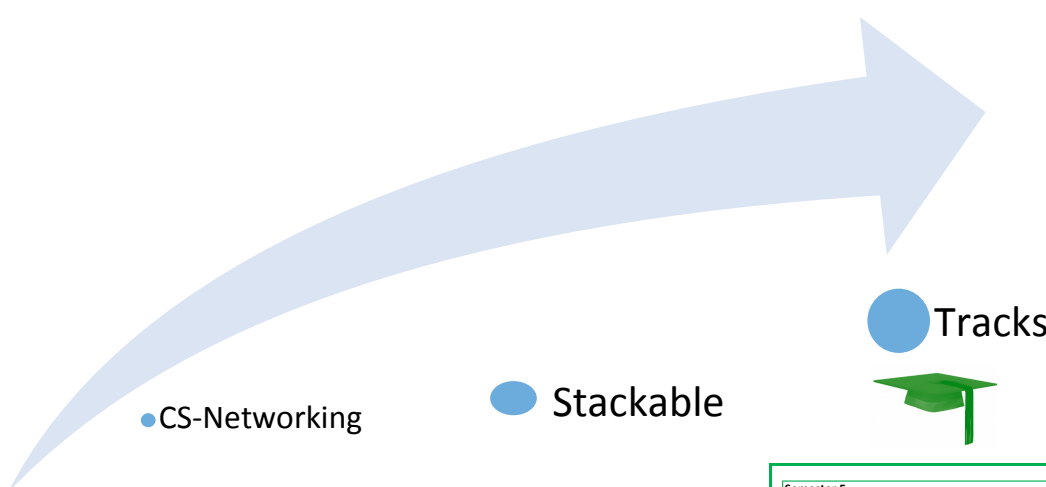
Associate of Applied Science
Computer Science

Computing Networking Science Emphasis

Total Credits: 65

Bachelor of Science
Computer Science
Computer Networking Emphasis

Total Credits: 125



Semester 8		
Fine Arts	From approved list	3
CS 4670	Undergrad Research project	3
CS 4690	Distributed internet Applications	3
CS Elective	From approved list	3
Semester 7		
American Inst	From approved list	3
Phil2050	Ethics & Values	3
CS 305G	Global Soc Eth Issues	3
CS 4610	TCP/IP Internet Architecture	3
IT 3510	Sys Admin Linus/Unix	3
CS Elective	From approved list	3
Semester 6		
ECE 3710	Applied Probability	3
Engl 2020	Intermediate Writing	3
CS 3320	Numerical Software Dev	3
CS 3670	Network Programming	3
CS Elective	From approved list	3

Semester 5		
Third Science	From approved list	5
Comp 301R	Digital Lecture Series	1
CS 2450	Software Engineering I	3
CS3250	JAVA Software Development	3
CS 3660	Web Programming II	3
Semester 4		
CS 2690	Computer Networks II	3
CS 3240	Discrete Math I	3
IT 1510	Intro to Sys Admin: Linux/UNIX	3
CS 3060	Operating Systems	3
CS 3520	Database Theory	3

Semester 3		
Biology	From approved list	3
CS 2300	Discrete Math I	3
CS 2420	Intro to Algorithms	3
CS 2600	Computer Networks I	3
CS 2550	Web Programming I	3

Semester 2		
COMM 2110	Interpersonal Communications	3
PHYS2210	Physics for Scientists I	4
PHYS2215	Physics for Scientists I Lab	1
CS 1410	Object-Oriented Programming	3
CS 2810	Computer Organization	3

Semester 1		
MATH 1210	Calculus I	5
ENGL 1010	Intro Writing	3
HLTH/PE	HLTH 1100 or PES 1097	2
CS 1400	Fundamentals Programming	3
COMM 1020	Public Speaking	3

Graduation Requirements:

- At least 40 credits of upper-division courses.
- Overall GPA 2.0 or above.
- Minimum grade of C+ in CS 1400, CS 1410, CS2420, CS 2300. Minimum C in ENGL 1010 and Math 1210. Minimum C- in other CS courses, plus Physics, 3rd Science, Comm 1020, and Comm 2110.
- Residency hours: minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
- Students are responsible for completing all prerequisite courses.

Semester 5		
Third Science	From approved list	5
Comp 301R	Digital Lecture Series	1
CS 2450	Software Engineering I	3
CS3250	JAVA Software Development	3
CS 3660	Web Programming II	3

Semester 4		
CS 2690	Computer Networks II	3
CS 3240	Discrete Math II	3
IT 1510	Intro to Sys Admin: Linux/UNIX	3
CS 3060	Operating Systems	3
CS 3520	Database Theory	3

Semester 3		
Biology	From approved list	3
CS 2300	Discrete Math I	3
CS 2420	Intro to Algorithms	3
CS 2600	Computer Networks I	3
CS 2550	Web Programming I	3

Semester 2		
COMM 2110	Interpersonal Communications	3
PHYS2210	Physics for Scientists I	4
PHYS2215	Physics for Scientists I Lab	1
CS 1410	Object-Oriented Programming	3
CS 2810	Computer Organization	3

Semester 1		
MATH 1210	Calculus I	5
ENGL 1010	Intro Writing	3
HLTH/PE	HLTH 1100 or PES 1097	2
CS 1400	Fundamentals Programming	3
COMM 1020	Public Speaking	3

Graduation Requirements:

- Overall GPA 2.0 or above.
- Minimum grade of C+ in CS 1400, CS 1410, CS2420, CS 2300. Minimum C in ENGL 1010 and MATH 1210. Minimum C- in other CS courses, plus Physics, 3rd Science, COMM 1020, and COMM 2110.
- Residency hours: minimum of 20 credit hours through attendance at UVU.
- Students are responsible for completing all prerequisite courses.

*If long-range goal is BS in CS-CN Emphasis, take classes as outlined to stay on track for a 4-year graduation plan. Green= recommended electives for stackable into BS in CS.

Semester 4		
IT 1510	Intro to Sys Admin: Linux/UNIX	3
CS 3060	Operating Systems	3

Semester 3		
CS 2300	Discrete Math I	3
CS 2420	Intro to Algorithms	3
CS 2600	Computer Networks I	3
CS 2550	Web Programming I	3

Semester 2		
MATH 1060	Trigonometry	3
CS 1410	Object-Oriented Programming	3
CS 2810	Computer Organization	3

Semester 1		
MATH 1050	College Algebra	4
ENGL 1010	Intro Writing	3
CS 1400	Fundamentals Programming	3

Graduation Requirements:

- Overall GPA 2.0 or above.
- Minimum grade of C+ in CS 1400, CS 1410, CS2420, CS 2300. Minimum C in ENGL 1010 and MATH 1210. Minimum C- in other CS courses, plus Physics, 3rd Science, COMM 1020, and COMM 2110.
- Residency: minimum 10 credit hours through course attendance at UVU.
- Students are responsible for completing all prerequisite courses.

*If long-range goal is AAS or BS in CS-Networking Emphasis, take additional classes to stay on track for a 4-year graduation plan.

Semester 3		
CS 2420	Intro to Algorithms	3
Semester 2		
MATH 1060	Trigonometry	3
CS 1410	Object-Oriented Programming	3
Semester 1		
MATH 1050	College Algebra	4
ENGL 1010	Intro Writing	3
CS 1030	Foundations of Programming	3
CS 1400	Fundamentals Programming	3

Graduation Requirements:

- Overall GPA 2.0 or above.
- Minimum grade of C+ in CS 1400, CS 1410, CS2420. Minimum C in ENGL 1010.
- Residency: minimum 10 credit hours through course attendance at UVU.
- Students are responsible for completing all prerequisite courses.

*If long-range goal is AAS or BS in CS-Networking Emphasis, take additional classes to stay on track for a 4-year graduation plan.

NOTES: Take recommended courses in sequence. Follow the recommended electives (green) in the lower-division stackable tracks to ensure timely completion of advanced degrees. Not following this plan could lead to taking extra classes that do not count toward an advanced degree or could create prerequisite dependency problems, which could delay final graduation.

Elective