2016 – 2017 Program Map – BS Computer Science
Starting with Math 1113

YEAR 1

TERM 1		TERM 2	
Course	**Credits**	**Course**	**Credits**
ENGL 1101	3	ENGL 1102	3
MATH 1113	4	MATH 1634	4
POLS 1101	3	CS 1301	4
Area E.4	3	Area B.1	3
Area B.2	2		
Semester Total	15	SEMESTER TOTAL	14
Milestones		**Milestones**	
• Complete ENGL 1101 C or better • Complete Math 1113 C or better		• Complete ENGL 1102 C or better • Complete CS 1301 B or better • Complete Math 1634 C or better	

YEAR 2

TERM 1		TERM 2	
Course	**Credits**	**Course**	**Credits**
CS 1302	3	CS 3151	3
CS 2100	3	CS 3280	3
MATH 2644	4	Math 2063	3
ENGL 3405	3	HIST 1111 or 1112	3
Area C.1	3	Elective	3
SEMESTER TOTAL	16	SEMESTER TOTAL	15
Milestones		**Milestones**	
• Complete CS 1302 B or better			

YEAR 3

TERM 1		TERM 2	
Course	**Credits**	**Course**	**Credits**
CS 3201	3	CS 3202	3
CS 3211	3	CS 3212	3
CS 3152	3	CS Elective	3
Area C.2	3	Area D.1 Lab Science with Lab	4
Area D.1 Lab Science with Lab	4	HIST 2111 or 2112	3
SEMESTER TOTAL	16	SEMESTER TOTAL	16
Milestones		**Milestones**	

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- One of the following lab science sequences must be taken for Core Area D.1:
  - BIOL 1107+1107L and BIOL 1108+1108L Principles of Biology I & II
  - CHEM 1211+1211L and CHEM 1212+1212L Principles of Chemistry I & II
  - PHYS 2211+2211L and PHYS 2212+2212L Principles of Physics I & II

- One of the following lab science sequences must be taken for Core Area D.1:
  - BIOL 1107+1107L and BIOL 1108+1108L Principles of Biology I & II
  - CHEM 1211+1211L and CHEM 1212+1212L Principles of Chemistry I & II

PHYS 2211+2211L and PHYS 2212+2212L
Principles of Physics I & II

YEAR 4

TERM 1

Course	Credits
CS 3110	3
CS 3230	3
CS 3270	3
CS Elective	3
Lab Science Elective	4
SEMESTER TOTAL	16

Milestones

- The "Lab Science Elective" must be the first semester of one of the above sequences NOT taken in Area D.1. So, if you took BIOL 1107+1107L and 1108+1108L, then you would need to take either CHEM 1211+1211L or PHYS 2211+2211L as your lab science elective.

TERM 2

Course	Credits
CS 4225	3
CS 4982	3
CS Elective	3
Math Elective	3
SEMESTER TOTAL	12

Milestones

- The "MATH elective" must be chosen from one of the following:
  - MATH 2853 - Elementary Linear Algebra
  - MATH 3303 - Ordinary Differential Equations
  - MATH 4003 - Dynamic Systems
  - MATH 4103 - Operations Research
  - MATH 4153 - Applied Mathematic Modeling

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