Critical Path Worksheet for most STEM
Bio, Chem, Engineering, Physics, Computer Science, and Math

Notes:
Courses will vary depending on major and transfer university.
Courses offered every Fall and Spr unless noted otherwise.
If C++ and Java are both needed, take CS20J and CS19.
* Offered in Summer

Prerequisite:

Hybrid Requisite:

Recommended:

ENGR 12
Taken once concurrently w/ Engr 35, 25, or 45

ENGR 5*

ENGR 10
Fall

MATH 154*

MATH 152*

MATH 152*

MATH 142*

or

MATH 142*

MATH 12*

HS CHEM (w/ A or B) or CHEM 3*

or MATH 153* or MATH 2* or MATH 4*

or MATH 3 or HS Trig

MATH 154*

MATH 152*

MATH 4* or MATH 2* & 3

CS 12GP

CS 12J

CS 11 or CS 11M

MATH 4* or
MATH 2* & 3

MATH 5A*

MATH 5B*

MATH 5C

MATH 5C

MATH 6

MATH 7

ENGR 30
Spring

CS 23/Math 23
Spring

CS 21
Spring

CS 24
Fall

PHYS 4A
Fall

PHYS 4B*
Fall

PHYS 4C
Spring

ENGR 35
Spring

ENGR 45
Fall

CHEM 5

CHEM 1B*

CHEM 12A/L
Fall

CHEM 12B/L
Spring

CHEM 12A/L
Fall

CHEM 12B/L
Spring

ENGR 25

ENGR 26
Spring

PHYS 4D
Fall Even Years

ENGR 15
Spring
Can be taken with Math 7

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Hybrid Requisite:

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ENGR 10
Fall

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MATH 152*

MATH 152*

MATH 142*

or

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MATH 12*

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CS 12GP

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MATH 4* or
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MATH 5B*

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MATH 5C

MATH 6

MATH 7

ENGR 30
Spring

CS 23/Math 23
Spring

CS 21
Spring

CS 24
Fall

PHYS 4A
Fall

PHYS 4B*
Fall

PHYS 4C
Spring

ENGR 35
Spring

ENGR 45
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CHEM 12B/L
Spring

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Hybrid Requisite:

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