2nd BS or MS in Computer Science

2nd BS - [http://advisor.cs.odu.edu/advising/program_cs_2nd.shtml](http://advisor.cs.odu.edu/advising/program_cs_2nd.shtml)
- CS required courses - 48 credits
- CS electives - 12 credits
- MATH - 14 credits
- TOTAL - 74 credits

MS - [https://graduate.cs.odu.edu/ms/Requirements](https://graduate.cs.odu.edu/ms/Requirements)
- Graduate courses - 34 credits
- CS prerequisites - 24 credits
  - CS 150 - 4 - online as CS 333 (Fall, Spr, Sum) - not recommended without prior programming experience
  - CS 170 - 3 - online as CS 334 (Fall, Spr) - accelerated CS 170/270
  - CS 250 - 4 - online as CS 333 (Fall, Spr)
  - CS 252 - 1 - online (Fall, Spr)
  - CS 270 - 3 - online as CS 334 (Fall, Spr)
  - CS 361 - 3 - online (Sum)
  - CS 381 - 3 - online (Fall, Spr, Sum)
  - CS 471 - 3 - online (Fall, Sum)
- MATH prerequisites - 14 credits
  - MATH 211 - Calc I - 4
  - MATH 212 - Calc II - 4
  - MATH 316 - Linear Alg - 3
  - STAT 330 - Prob/Stats - 3
- TOTAL - 72 credits

Overlap between 2nd BS and MS
- MATH prereqs - 14 credits
- CS prereqs for MS - 24 credits
- TOTAL - 38 credits

Considerations
- Graduate courses cost more than undergraduate courses
- Graduate students cannot hold an assistantship until they have completed most of their prerequisites (at least past CS 270)
- A BS degree will better prepare you for a career as a software developer.
- A MS degree will introduce you to advanced topics (including research topics) in Computer Science.
- Starting as 2nd BS does not eliminate the ability to switch to the MS program at a later point.