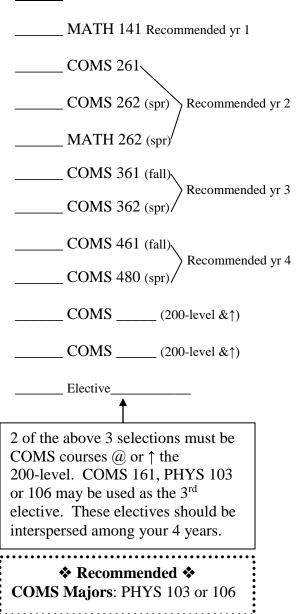# Computer Science Major Checklist (pre-2020)

DEPARTMENT CHAIR: Dr. Rebecca L. Jayne, Morton Hall 028, (434) 223-6282
Please note that departmental contact is strongly recommended to further aid your academic planning. Irregularities in offerings do occur as a result of sabbaticals and medical leaves.

All COMS majors are required to take at least 11 courses as listed below to complete the major requirements.

COMS

_____ MATH 141 Recommended yr 1

_____ COMS 261

_____ COMS 262 (spr) } Recommended yr 2

_____ MATH 262 (spr)

_____ COMS 361 (fall)

_____ COMS 362 (spr) } Recommended yr 3

_____ COMS 461 (fall)

_____ COMS 480 (spr) } Recommended yr 4

_____ COMS _____ (200-level &↑)

_____ COMS _____ (200-level &↑)

_____ Elective_____

2 of the above 3 selections must be COMS courses @ or ↑ the 200-level. COMS 161, PHYS 103 or 106 may be used as the 3rd elective. These electives should be interspersed among your 4 years.

❖ **Recommended** ❖
COMS Majors: PHYS 103 or 106

Information for COMS majors:

- COMS majors should plan several semesters ahead to ensure their ability to enroll in coursework ideal to their skills and interests. Students should consult with departmental faculty.
- Planning and executing study abroad experiences require COMS faculty consultation <u>before</u> and <u>after</u> such study.
- Majors are encouraged to participate in Math/COMS Club, the Energy Research Group, and attend relevant Colloquium presentations. Campus employment as a COMS tutor or technician in the Computing Center are also recommended. Students interested in being a COMS tutor should see Dr. Pendergrass, Blake B, 003.
- Students interested in inter-collegiate competitions should contact departmental faculty concerning upcoming opportunities.
- Majors are also encouraged to participate in undergraduate research through summer research opportunities on campus and then after their junior year through REU (Research Experience for Undergraduates.)
- Suitably qualified students may pursue independent studies via 495 courses. Honors COMS work may also be taken via MATH 461-462.