

# Computer Science Major Checklist (2022-23)

**DEPARTMENT CHAIR:** Dr. Brian Lins, Pauley 301 (434) 223-6264

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 261/271
- \_\_\_\_\_ COMS 262/272 (spr)
- \_\_\_\_\_ MATH 254 (spr)
- } Recommended yr 2
  
- \_\_\_\_\_ 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 106 may be used as the 3<sup>rd</sup> elective. These electives should be interspersed among your 4 years.

❖ **Recommended** ❖  
**COMS Majors: PHYS 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 before and after 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.

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Successful completion of the above items does not alone guarantee that graduation requirements have been met. Please see advisor.

Last updated 07/23