



## FSU Computer Engineering Summer 2026 and Later

| Year 1                                                                                                                     |                                                       | Year 2                                                              |                                                                                  | Year 3                                                                                     |                                                                                 | Year 4                                                                         |                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Fall                                                                                                                       | Spring                                                | Fall                                                                | Spring                                                                           | Fall                                                                                       | Spring                                                                          | Fall                                                                           | Spring                                                                            |
| Basic Science Elective (3):<br><b>CHM 1045 or BSC 2010</b><br>↓<br>Basic Science Lab (1):<br><b>CHM 1045L or BSC 2010L</b> | <b>PHY 2048C (5) **</b><br>Gen. Physics I<br>MAC2311  | <b>PHY 2049C (5)</b><br>Gen Physics II<br>PHY2048C,<br>MAC2312      | <b>MAS 3105 (4)</b><br>Linear Algebra<br>MAC2312                                 | <b>EEL 3135 (3)</b><br>Sig. & Lin. Syst.<br>MAS3105, MAP2302<br>Coreq: EEL3003,<br>MAC2313 | <b>EEL 3927 (3)</b><br>Eng. Des. Conc.<br>ENC1101, ENC2135<br>Coreq: EEL4746    | <b>EEL4911C (3)</b><br>Senior Design I<br><b>** Fall ONLY **</b><br>*See Below | <b>EEL 4914C (3)</b><br>CPE Sr. Design II<br><b>**Spring ONLY Y**</b><br>EEL4911C |
| <b>Humanities / Ethics Statewide Core (3) ***</b>                                                                          | <b>Free Elective (1)</b>                              |                                                                     | <b>EEL 3003 (3)</b><br>Intro to EE<br>MAC2312, PHY2049C<br>Coreq: EEL3002L       | <b>EEL 4710 (3)</b><br>Intro to VHDL<br>EEL3705/L<br>Coreq: EEL4710L                       | <b>EEL 4021 (3)</b><br>Stat. Topics in EE<br>MAS3105, EEL3003                   | <b>CPE Core (3) Course I</b><br>See Course Catalog                             | <b>E-Series or Writing Course (3) ***</b>                                         |
|                                                                                                                            |                                                       |                                                                     | <b>EEL 3002L (2)</b><br>ECE Tools Lab<br>Coreq: EEL3111 or EEL3003               | <b>EEL 4710L (1)</b><br>Int. to VHDL Lab<br>EEL3705/L<br>Coreq: EEL4710                    | <b>COP 4530 (3)</b><br>Data Structures<br>COP-3330, MAD 2104<br>CoReq: EEL-4746 | <b>CPE Core (3) Course II</b><br>See Course Catalog                            | <b>CPE Core (3) Course III</b><br>See Course Catalog                              |
| <b>ENC 1101 (3)</b><br>Fresh Com & Rhet                                                                                    | <b>ENC 2135 (3)</b><br>Res Genre & Context<br>ENC1101 | <b>EEL 3705L (1)</b><br>Dig. Log. Des. Lab<br>Coreq: EEL3705        | <b>EEL 4746L (1)</b><br>Microproc. Lab<br>EEL3705/L<br>Coreq: EEL4746            | <b>EEL 4742L (1)</b><br>Adv. Micro. Lab<br>EEL4746/L<br>Coreq: EEL4742                     |                                                                                 | <b>CPE Technical Elective I (3)</b><br>See Course Catalog                      | <b>CpE or Non-CpE Tech Elec. I (3)</b><br>See Course Catalog                      |
| <b>EGN 1004L (1)</b><br>First Year Eng Lab                                                                                 | <b>COP 3363 (3)</b><br>C++ for Majors<br>MAC1140      | <b>EEL 3705 (3)</b><br>Dig. Log. Design<br>Coreq: COP3014, EEL3705L | <b>EEL 4746 (3)</b><br>Microprocessors<br>EEL3705/L, COP3014<br>Coreqs: EEL4746L | <b>EEL 4742 (3)</b><br>Adv Micro.<br>EEL4746/L<br>Coreq: EEL4742L                          | <b>EEL-4713 (3)</b><br>Comp. Arch &Org.<br>EEL4746, COP3014                     | <b>CPE Technical Elective II (3)</b><br>See Course Catalog                     | <b>CpE or Non-CpE Tech Elec. II (3)</b><br>See Course Catalog                     |
| <b>MAC 2311 (4) **</b><br>Calculus I<br>MAC1147, or<br>MAC1140 and 1114                                                    | <b>MAC 2312 (4) **</b><br>Calculus II<br>MAC2311      | <b>MAC 2313 (5)</b><br>Calculus III<br>MAC2312                      | <b>MAP 2302 (3)</b><br>Diff. Equations<br>MAC2313 or<br>MAC2312 > B-             | <b>COP 3330 (3)</b><br>Obj. Orien. Prog<br>COP3363 OR<br>COP-3014 w/CoReq<br>COP 3353      | <b>Ethics / Humanities Additional or Core (3) ***</b>                           |                                                                                |                                                                                   |

### Summer

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|-------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------------------------|
| <b>Soc Sci / History Statewide Core (3) ***</b> | <b>History / Soc Science Additional or Core (3) ***</b> | <b>MAD-2104 (3)</b><br>Discrete Math<br>MAC-2311, or<br>COP3014 & MAC1140 |
|-------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------------------------|

### Legend & Notes

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|----------------------|-------------------------------------------------------------------------------|
| <b>Course (cr)</b>   | ↓ => Points to lab from the corequisite course.                               |
| <b>Prerequisites</b> | ⇕ => Course and lab are jointly corequisite. Must take them at the same time. |

\* EEL 4911C Prerequisites: EEL 3135, EEL 3927

Co-requisite: EEL 4742 (it is recommended that this be taken as a prerequisite)

\*\* The shaded courses are pre-engineering courses and must be completed before a student can transfer into Computer Engineering. EGN 1004L also required for students entering as freshmen.

\*\*\* Refer to the "FSU Liberal Studies Requirements for ECE Students" for detailed requirements and course lists. Students must take POS 1041 or AMH 2020 to satisfy Civic Literacy requirement.