**B. S. DEGREE**  
**COMPUTER SCIENCE**  
**CAL POLY, SAN LUIS OBISPO**  

( ) = Prerequisites

### 2007-2009

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<th>FRESHMAN</th>
<th>SOPHOMORE</th>
<th>JUNIOR</th>
<th>SENIOR</th>
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| Fund CSC I  
CSC/CPE 101  
(MATH 118 or eqv. ≥C-, Basic Computer Literacy) | Fund CSC II  
CSC/CPE 102  
(CSC/CPE 101 ≥ C-, Math 141 ≥ C-, †† CSC 141) | Comp Dog &  
Assem Lang  
CPE/ECE 229/269 or  
SCC 225 (CSC 102 or both CSC/CPE 315 and 357) | Systems  
Programming  
CSC/CPE 357  
(CSC/CPE 103 or both CSC/CPE 315 and 357) | Softw Engg  
CSC/CPE 307 or  
308  
(CSC/CPE 103: ≥C-, 357 or 353) |
| Disc Struct  
CSC 141  
(MATH 118 and 119 or H.S. eqv. & CSC/CPE 101 or eqv.) | Digital Design  
CPE/ECE 129/169 (CSC 101) | Computer Architecture  
CSC/CPE 315  
(CSC/CPE 103 and CPE/ECE 229 or SCC 225) | Programming Languages I  
CSC/CPE 340  
(CSC 349 or CPE/CPE 357) | TECH ELEC† (4 Units) |
| General Physics  
Phys 141 • Phys 132 • Phys 133• | MATH/STAT  
ELEC* | MATH/STAT  
ELEC* | Approved Support Elective (4 units) |
| Math 142  
(Math 141 ≥ C-) | OR | Science elective  
(Add'l Area B) |
| MATH 141•  
GEB B1 | General Chemistry  
Chem 124• | Chem 125• | Chem 129• |
| Engl. Comp.  
ENG 133 or 134  
GEB A1 | Oral Comm.  
COMS 101 or 102  
GEB A2 | Technical Writing  
ENGL 149•  
GEB A3 | American Experience  
GEB D1 | Philosophy  
PHIL 230 or  
PHIL 231  
GEB C2 | Life Sci. **  
BIO 213 and  
ENGR/BRAE 213  
GEB B2 | Literature GEB  
C1 • | Comp. Social  
Inst.  
GEB D3 | Fine/Perf. Art  
GEB C3 | GEB AREA C4  
(300-400)• |
| Self Devel.  
GEB D4 | USCP | USCP | USCP |

Check for catalog changes at: www.eadvise.calpoly.edu

COURSES CAN BE TAKEN IN ANY ORDER, AS LONG AS PREREQUISITES ARE MET.

* MATH/STAT Elective: Select from: CSC 142; MATH 143, 206, 241, 244, 248, 306, 335, 336, 437, 470; STAT 322

♦ Science Elective: Select from BIO 111, 115, 151; BOT 121; CHEM 124; MCRO 221, 224; PHYS 141 (no double counting of units)

† Adviser approved technical electives are subject to Computer Science Department guidelines. Please refer to the College of Engineering Advising Center website: www.eadvise.calpoly.edu.

Technical electives MUST be approved in advance.

†† Concurrent or Co requisite.

● Refer to current catalog for pre-requisites

** Chem 124 pre-requisite is waived for CSC majors.

@ CSC 102 is a prerequisite for CSC 225 ONLY. Please refer to Catalog Changes at [http://www.eadvise.calpoly.edu/dept/csccatalog.php](http://www.eadvise.calpoly.edu/dept/csccatalog.php).

Refer to 2007-2009 Catalog for GE&B course selection, multidisciplinary requirement, cultural pluralism, and GWR requirement.

Revised: 3/8/07