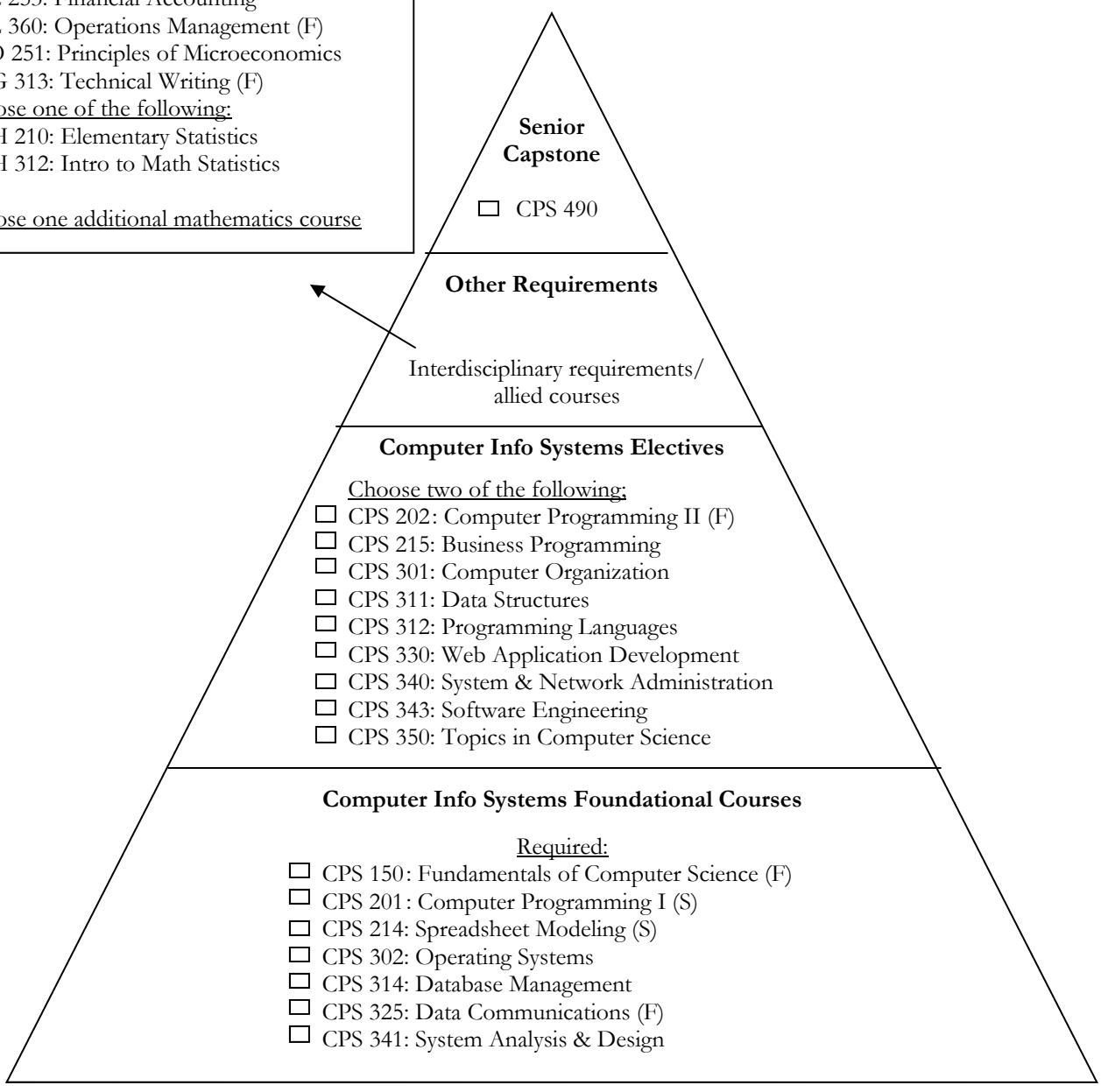


- ACC 153: Accounting Laboratory
- ACC 253: Financial Accounting
- BAE 360: Operations Management (F)
- ECO 251: Principles of Microeconomics
- ENG 313: Technical Writing (F)
- Choose one of the following:
- MTH 210: Elementary Statistics
- MTH 312: Intro to Math Statistics
- and
- Choose one additional mathematics course



**Senior
Capstone**

- CPS 490

Other Requirements

Interdisciplinary requirements/
allied courses

Computer Info Systems Electives

Choose two of the following:

- CPS 202: Computer Programming II (F)
- CPS 215: Business Programming
- CPS 301: Computer Organization
- CPS 311: Data Structures
- CPS 312: Programming Languages
- CPS 330: Web Application Development
- CPS 340: System & Network Administration
- CPS 343: Software Engineering
- CPS 350: Topics in Computer Science

Computer Info Systems Foundational Courses

Required:

- CPS 150: Fundamentals of Computer Science (F)
- CPS 201: Computer Programming I (S)
- CPS 214: Spreadsheet Modeling (S)
- CPS 302: Operating Systems
- CPS 314: Database Management
- CPS 325: Data Communications (F)
- CPS 341: System Analysis & Design

**Computer Information Systems at Heidelberg College
(49 Semester Hours)**

- Legend:
- (F) = Course offered only in Fall
 - (S) = Course offered only in Spring

Sample Curriculum—Computer Information Systems**

First Year

Fall Semester

FYE 100 First Year Experience Seminar	3
CPS 150 Fundamentals of Computer Science	4
ACC 153 Accounting Laboratory	2
MTH 115 Quantitative Reasoning or	3
MTH 121 Elementary Functions	3
General Education or Electives	3
Total 15 hrs.	

Spring Semester

CPS 201 Computer Programming I	3
ACC 253 Financial Accounting	3
ENG 101 English Composition	3
COM 100 Oral Communication	3
General Education or Electives	3
Total 15 hrs.	

Second Year

Fall Semester

CPS 302 Operating Systems	3
ACC 254 Managerial Accounting	3
ECO 251 Principles of Microeconomics	3
MTH 210 Elementary Statistics or	3
MTH 121 Elementary Functions	3
General Education or Electives	3
Total 15 hrs.	

Spring Semester

CPS 214 Spreadsheet Modeling	3
CPS Elective	3
MTH 210 Elementary Statistics or	3
MTH 121 Elementary Functions	3
ECO 252 Principles of Macroeconomics	3
General Education or Electives	3
Total 15 hrs.	

Third Year

Fall Semester

CPS 325 Data Communications & Networking	3
CPS 314 Database Management	3
ENG 313 Technical Writing	3
General Education or Electives	6
Total 15 hrs.	

Spring Semester

CPS Elective	3
COR 300 Exploring the Liberal Arts	3
General Education or Electives	9
Total 15 hrs.	

Fourth Year

Fall Semester

BAE 360 Operations Management	3
CPS 341 System Analysis & Design (jwo)	3
CPS Elective	3
General Education or Electives	6
Total 15 hrs.	

Spring Semester

CPS 490 Capstone Topics in Computing	1
CPS Elective	3
General Education or Electives	11
Total 15 hrs.	

Students must select two from: CPS 214, CPS 314, CPS 330, CPS 340, CPS 341, CPS 350.
Watch for prerequisites for BAE 360

**Subject to change. Please consult department for current information. For more detailed program requirements see the college catalog.

For more information about Computer Information Systems, contact:

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