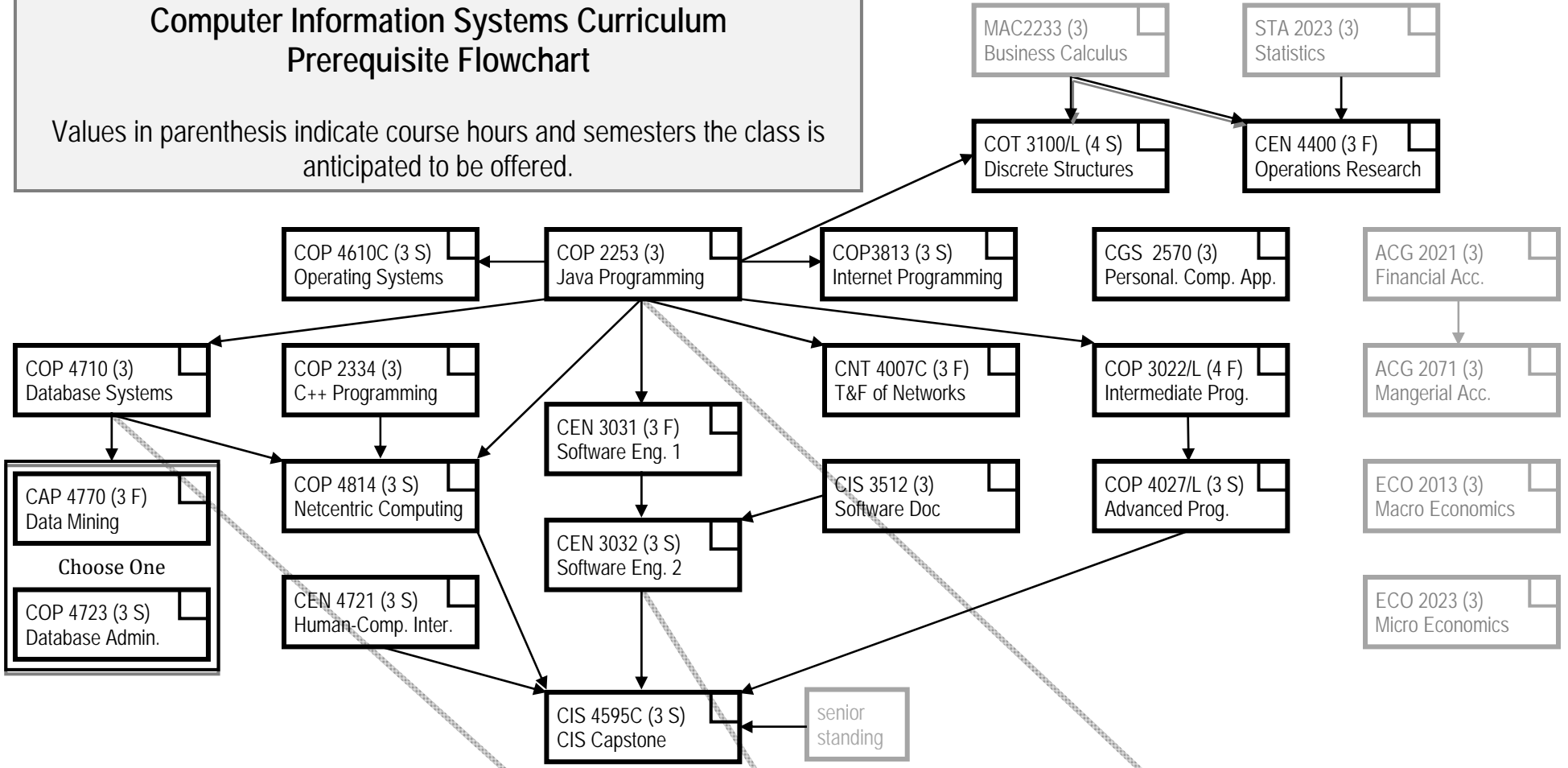


2010 Computer Information Systems Curriculum Prerequisite Flowchart

Values in parenthesis indicate course hours and semesters the class is anticipated to be offered.



Choose any four classes from any areas as major related electives. They are grouped by type. A course number next to a category indicates it applies to all courses in that group; gray lines represent individual course pre-reqs.

Note, that with your existing coursework, by taking the remaining database class you earn the database certificate, and by taking one class from the Web Technologies group you earn the Web Development certificate.

<p>Gaming</p> <p>CAP 3028 (3)** Intro to Game Prog.</p> <p>↓</p> <p>CAP 4029 (3) Game Prog. 2</p> <p>COT 3701C (3) Game Design</p>	<p>Web Tech., any prog lang.</p> <p>CIS 4340 (3 F) Web Server Tech.</p> <p>CTS 4817 (3 F) Web Server Admin.</p> <p>Web Design</p> <p>CGS 3183 (3 S)** Web Des. for eCom.</p> <p>CGS 3853 (3 Sum) Web Page Design</p>	<p>Database*, COP 4710</p> <p>CAP 4770 (3 F) Data Mining</p> <p>COP 4723 (3 S) Database Admin</p> <p>Software Engineering</p> <p>CEN 4053 (3) SE Management</p>	<p>Graphics</p> <p>CAP 4033C (3) 3D Model. & Anim.</p> <p>CGS 3523 (3) Comp. Graphics App.</p> <p>Languages</p> <p>CGS 3464 (3) Visual Programming</p>	<p>IT, any prog. lang.</p> <p>CEN 4340C (3 F) IT Infrastructure</p> <p>CIS 4361C (3 S) IT Security</p> <p>CNT 4014C (3 F) IT Administration</p> <p>CTS 3159 (3 S) End User Support</p>
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* May take whichever course was not taken as a core above
**Requires Personal Computer Applications, CGS 2570 or equivalent