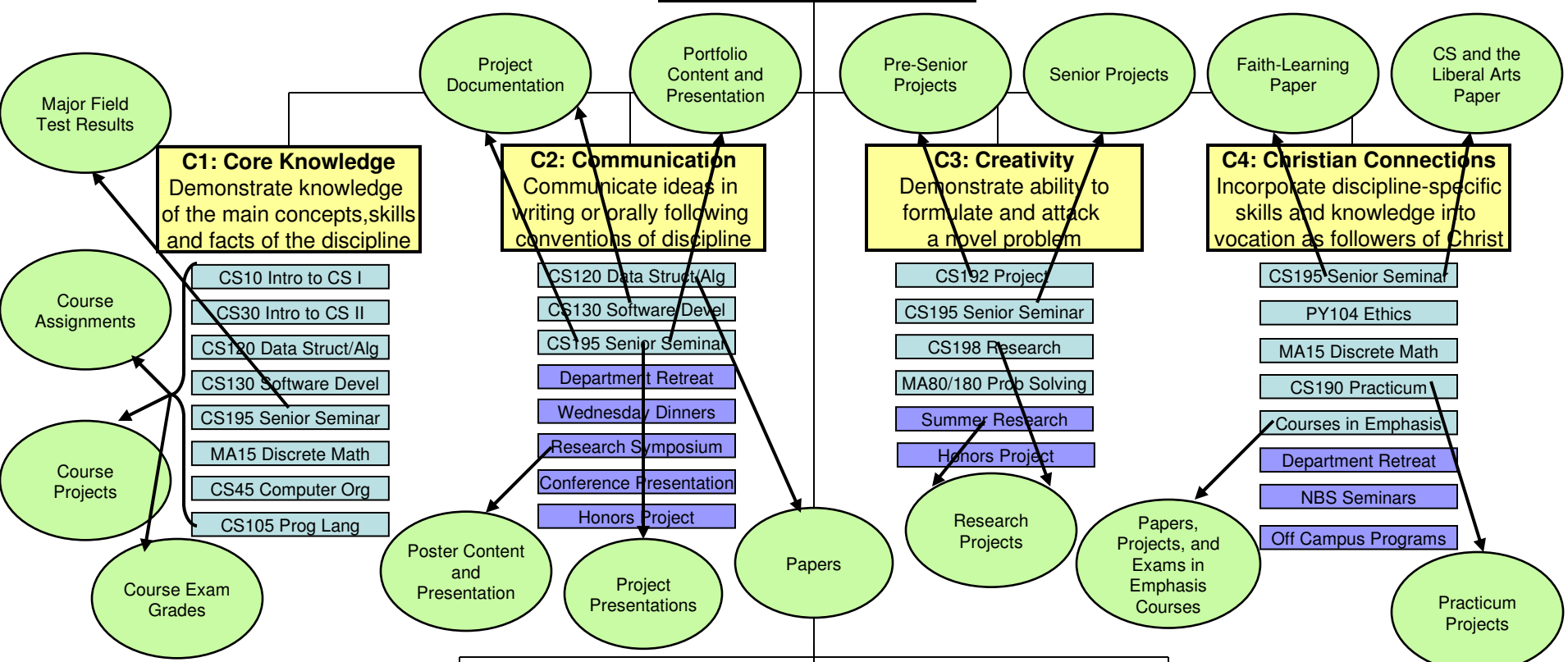


# Computer Science Program Roadmap



**Legend**

- Core Learning Outcome
- Required Course
- Course
- Extracurricular Activity
- Assessment Data
- Desired Outcome

## Skills and Tools

- Scientific Paper Writing
- Website Development
- IDE/Debugger
- Version Control
- Create Resume/Portfolio
- System Administration
- Literature Search

## Thought Processes and Principles

- Information
- Computation
- Algorithmic Thinking
- Abstract Reasoning
- Analytical Reasoning
- Modeling and Simulation
- Innovation

## Attitudes and Character Qualities

- Love and Service to God
- Honesty
- Service to Society
- Respect for Others
- Teamwork
- Life Purpose/Mission
- Lifelong Learning