

### **Fall 2024 (CS 491) - Planning & Research**

- Define core features and requirements (search functionality, data fields to display, user types)
- Research and evaluate technology stack options
- Gather and organize historical class data from Banner
- Create project proposal and technical specifications (SRS)
- Develop wireframes and UI mockups for key pages
- Address big 6 features
- Create project roadmap and milestones for development phase

### **Winter 2025 (CS 492) - Development**

- Set up development environment and version control
- Build database and populate with historical class data
- Develop backend API for data storage and retrieval
- Implement search and filter functionality
- Build frontend interface for searching and displaying class data
- Conduct initial internal testing of core features

### **Spring 2025 (CS 493) - Troubleshooting & Launch**

- Perform comprehensive bug testing and fixes
- Conduct beta testing with Clients and Stakeholders
- Address user feedback and refine features
- Optimize performance and conduct security review
- Create user documentation and help resources
- Prepare launch communications
- Soft launch for validation and monitoring
- Full public launch
- Post-launch monitoring and support