

Bachelor of Science - Web Development

Course	Course Title	WEBDB1	WEBDB2	WEBDB3	WEBDB4	WEBDB5	ILO1	ILO2	ILO3	ILO4	ILO5
COMP 325	Human-Computer Interaction			X		X	X	X			X
ITEC 400	Linux Administration	X	X				X	X			X
WEBD 325	Mobile Programming	X	X	X	X	X	X	X			X
WEBD 435	Advanced Server Side Development	X	X		X	X	X	X			X
WEBD 445	Advanced Web Development	X	X	X	X		X	X			X
WEBD 495	Web Development Capstone	X	X	X	X	X	X	X			X

Institution Learning Outcomes

- ILO1 Communication: Communicate professionally using a variety of modalities (written, spoken, and technological).
- ILO2 Critical Thinking: Analyze and evaluate information to make reasoned arguments and solve problems.
- ILO3 Civic & Global Engagement: Integrate knowledge and skills to engage with and respond to social, environmental, and economic challenges at local, national, and global levels.
- ILO4 Ethics: Analyze and evaluate complex issues and situations to make informed ethical decisions.
- ILO5 Disciplinary Expertise

Program Learning Outcomes

- WEBDB1 Develop server-side software systems to support Web-based services employing industry standard web-based information architectures, user-centered design methodologies, development approaches, deployment tools and operational environments
- WEBDB2 Develop client-side software systems to support Web-based services employing industry standard web-based information architectures, user-centered design methodologies, development approaches, deployment tools and operational environments
- WEBDB3 Develop Web-based end-user interfaces applying industry standard requirement analysis, design principles and development approaches
- WEBDB4 Apply analytics methodologies, tools and algorithms to the analysis and improvement of web services performance
- WEBDB5 Communicate appropriately for a range of purposes and audiences