Abbreviated Outcome	**ITLS 7011** – Theories & Methods I	**ITLS 7015** – Theories & Methods II	**ITLS 7021** Literature Review	**ITLS 7025** – Foundations in ITLS	**EDUC 6600** – Stats Foundations	**EDUC 7610** – Regression Analysis	**EDUC 6770** – Qualitative Methods	**ITLS 6535** – Design Thinking	**ITLS 6520** – Instructional Design I	**ITLS 7900** Comps	**ITLS 7970** – Dissertation
Synthesize and critique existing research and theory	I	D	D	M						M	M
Formulate original research questions		I	D	D	D	D	D			M	M
Design and implement research methodologies		I		D	D	D	D			M	M
Analyze and interpret data					D	D	D			M	M
Communicate research findings		D	D	D	D	D	D			M	M
Analyze/evaluate learning theories and models	I	D	D	M						M	M
Develop and apply theoretical frameworks	I	D	D	M			D	I	I	M	M
Apply learning theories to instructional design	I	D		M				D	D	M	M
Design innovative learning environments		I						D	D	M	M
Evaluate the effectiveness of designs		I		D	D	M		D	D	M	M
Apply human-centered design principles		I		D				M	D	M	M
Collaborate with teams and stakeholders	i	i								M	M
Demonstrate scholarly leadership										M	M
Reflect on scholarly identity		D		D			D			M	M
Uphold ethical and inclusive practice		I	D	D	D	D	D	D	D	M	M

KEY

I = Introduced

D = Developed

M = Mastered