

**List of Application Cognate Courses**

Fall 2018

<b>Department</b>	<b>Code</b>	<b>Name</b>
Accounting	ACC 213	Principles of Managerial Accounting
Allied Health Sciences	AHS 301	Introduction to Health Care Research
Biology	BIO 215	General Ecology
Biology	BIO 328	Biomedical Ethics
Biology	BIO 338	Environmental Ethics
Biology	BIO 355	Human Genetics
Biology	BIO 375	Genetics
Biology	BIO 442	Fish Ecology
Biology	BIO 450	Stream Ecology
Biomedical Sciences	BMS 301	Introduction to the Research in the Biomedical Sciences
Biomedical Sciences	BMS 310	Basic Pathophysiology
Biomedical Sciences	BMS/MOV 466	Dynamic Human Performance Lab
Cell and Molecular Biology	CMB 411	Genetics of Development and Cancer
Cell and Molecular Biology	CMB 460/560	Genomics and Molecular Diagnostics
Chemistry	CHM 222	Quantitative Analysis
Chemistry	CHM 225	Instrumental Analysis I
Chemistry	CHM 322	Environmental Chemical Analysis
Chemistry	CHM 425	Instrumental Analysis II
Communications	COM 375	Communication Research
Communications	CMJ 390	Technical Writing
Computer Science	CIS 163	Computer Science II
Computer Science	CIS 231	Problem Solving Using Spreadsheets
Computer Science	CIS 233	Concepts of Database Systems
Computer Science	CIS 253	COBOL
Computer Science	CIS 261	Structured Programming in C
Computer Science	CIS 263	Data Structures and Algorithms
Computer Science	CIS 331	Advanced Spreadsheet Development
Computer Science	CIS 340	Health Care Information Systems
Computer Science	CIS 353	Database
Computer Science	CIS 361	Systems Programming
Computer Science	CIS 365	Artificial Intelligence
Criminal Justice	CJ 300	Research Methods in Criminal Justice
Criminal Justice	CJ 400	Qualitative Methods
Economics	ECO 300	Applied Economic Analysis
Economics	ECO 342	Strategic Games
Economics	ECO 400	Econometrics and Forecasting
Engineering	EGR 323	Signals and System Analysis
Engineering	EGR 367	Manufacturing Processes
Finance	FIN 321	Investments
Finance	FIN 322	Intermediate Managerial Finance
Finance	FIN 331	Risk and Insurance
Geography/Planning	GPY 200	Computer Cartography
Geography/Planning	GPY 307	Introduction to Computer Mapping/Geographic Information Systems
Geography/Planning	GPY 310	Land Use Planning
Geography/Planning	GPY 407	Advanced GIS
History	HST 290	Research Methods in History
Hospitality & Tourism Management	HTM 373	Hospitality Information Analysis
Hospitality & Tourism Management	HTM 402	Tourism Policy Issues

<b>Department</b>	<b>Code</b>	<b>Name</b>
Hospitality & Tourism Management	HTM 452	Hospitality and Tourism Marketing
Management	MGT 268	Business Processes and Management Information Systems
Management	MGT 361	Management Science
Management	MGT 363	Managing Quality
Management	MGT 366	Operations Management
Management	MGT 367	Manufacturing and Planning and Control
Management	MGT 467	Advanced Topics in Operations and Supply Chain Management
Marketing	MKT 352	Marketing Research
Mathematics	MTH 203	Calculus III
Mathematics	MTH 210	Communicating in Mathematics
Mathematics	MTH 360	Operations Research
Mathematics	MTH 405	Numerical Analysis
Mathematics	MTH 408	Advanced Calculus I
Natural Resources Management	NRM 250	Resource Measurement and Maps
Natural Resources Management	NRM 330	Environmental Pollution
Natural Resources Management	NRM 495	Trends in Natural Resources Management
Nursing	NUR 265	Introduction to Nursing Research and Evidence-based Practice
Nursing	NUR 435	Research Application in Nursing Practice
Public Administration	PA 300	Research Methods
Physics	PHY 309	Experimental Methods in Physics
Physics	PHY 360	Statistical Thermodynamics
Political Science	PLS 300	Political Analysis
Political Science	PLS 341	Elections and Voting Behavior
Psychology	PSY 300	Research Methods in Psychology
Psychology	PSY 400	Advanced Research in Psychology
Psychology	PSY 410	Tests and Measurements
Social Studies	SST 311	Data Literacy for Social Studies Teachers
Social Work	SW 430	Social Work Research
Sociology	SOC 304	Quantitative Methods in Sociology
Sociology	SOC 420	Sociology of Community
Statistics	STA 340	Statistics in the Media
Statistics	STA 341	Demographic Methods
Statistics	STA 345	Statistics in Sports