

**Committee on Courses
Report to the Riverside Division
December 6, 2016**

To be received and placed on file:

The Committee on Courses has approved the following courses.

<u>Action:</u>	<u>Course:</u>	<u>Title:</u>	<u>Course Renumbered:</u>
<i>Undergraduate Courses:</i>			
RESTORE	ANTH 108	Anthropology of Global Media (4)	
RESTORE	ANTH 137	Anthropology: The American Tradition (4)	
RESTORE	ANTH 155	Human Osteology (4)	
NEW	ANTH 104	Bioarchaeology (4)	
NEW	ANTH 164	Forensic Anthropology (4)	
NEW	ANTH 165 (E-Z)	Anthropological Methods (4)	
NEW	ANTH 165 E	Anthropological Methods (4) Methods in Archaeology	
NEW	ANTH 165 F	Anthropological Methods (4) Methods in Biological Anthropology	
NEW	ANTH 165 G	Anthropological Methods (4) Methods in Cultural Anthropology	
NEW	BUS 001	Personal Finance (4)	
NEW	CS 175	Entrepreneurship in Computing (4)	
NEW	EDUC 102	Democratic Pedagogy: Developing R'Courses (1)	
NEW	EDUC 122	Education, Digital Media, and Democratic Engagement (4)	
NEW	EDUC 123	Teacher and School Effects on Achievement (4)	
NEW	EDUC 134	Abnormal Psychology for Educators (4)	
NEW	EDUC 141	Historical and Contemporary Perspectives on Lesbian, Gay, Bisexual, Transgender, and Queer Students and Faculty (4)	
NEW	EDUC 142	Language and Society (4)	
NEW	EDUC 160	Cognitive Development and Education (4)	
NEW	EDUC 161	Social Development in Education (4)	
NEW	EDUC 180	Behavior Modification (4)	
NEW	EDUC 198	R'Course: Variable Topics (1)	
NEW	ENGL 189	English Capstone Seminar (4)	
NEW	ENGL 196	Senior Research Paper (1-4)	
NEW	ENGL 198	R'Course - Variable Topics (1)	
NEW	ENSC 105	Ecohydrology (4)	
NEW	GSST 147	Feminist Animal Studies (4)	
NEW	HIST 198	R'Course - Variable Topics (1)	
NEW	LING 198	R'Course - Variable Topics (1)	
NEW	LNST 114	History of Brazilian Art & Architecture (4)	
NEW	MCS 198	R' Course- Variable Topics (1)	
NEW	MUS 012	Introduction to Music and Culture (4)	
NEW	MUS 021	Canntaireachd: Scottish Classical Music (4)	
NEW	MUS 198	R'Course - Variable Topics (1)	
NEW	PBPL 130	Management of International Water (4)	
NEW	PHIL 198	R'Course - Variable Topics (1)	
NEW	RLST 001	Sex, Sin, and Scripture (4)	
NEW	RLST 001 H	Honors Sex, Sin, and Scripture (4)	
NEW	SEAS 170	Rondalla Ensemble (1-2)	
NEW	SOC 127	Sociological Determinants of Health (4)	
DELETE	CS 010 V	Introduction to Computer Science for Science, Mathematics, and Engineering I (4)	
DELETE	CS 012 V	Introduction to Computer Science for Science, Mathematics, and Engineering II (4)	
DELETE	DNCE 007 V	Dance: Cultures and Contexts (4)	
DELETE	EDUC 050 S	Intercollegiate Athletics and American Higher Education (4)	
DELETE	EDUC 050 V	Intercollegiate Athletics and American Higher Education (4)	
DELETE	EE 123 V	Power Electronics (4)	
DELETE	EE 153 V	Electric Drives (4)	
DELETE	EE 155 V	Power System Analysis (4)	
DELETE	ENGR 160 V	Introduction to Engineering Optimization Techniques (4)	
DELETE	GEO 004 V	Natural Hazards and Disasters (4)	
DELETE	HIST 052 S	Europe from the Enlightenment to 1968 (5)	
DELETE	HIST 075 V	Introduction to Latin America (4)	
DELETE	HIST 19W V	The Historian's Workshop (4)	
DELETE	MATH 149 C	Probability and Mathematical Statistics (4)	

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DELETE	MUS 187	Improvisation Studies (4)	
DELETE	PHYS 134	Thermal Physics (4)	
CHANGE	AHS 114	History of Brazilian Art & Architecture (4)	
CHANGE	AST 170	Rondalla Ensemble (1-2)	
CHANGE	BCH 110 C	General Biochemistry (4)	
CHANGE	BIEN 110	Biomechanics of the Human Body (4)	
CHANGE	BIEN 140 B	Biomaterials (4)	
CHANGE	BIEN 159	Dynamics of Biological Systems (4)	
CHANGE	BIOL 002	Cellular Basis of Life (4)	
CHANGE	BIOL 003	Organisms in Their Environment (4)	
CHANGE	BIOL 005 A	Introduction to Cell and Molecular Biology (4)	
CHANGE	BIOL 005 B	Introduction to Organismal Biology (4)	
CHANGE	BIOL 005 C	Introductory Evolution and Ecology (4)	
CHANGE	BIOL 020	Dynamic Genome (2)	
CHANGE	BIOL 05L A	Introduction to Cell and Molecular Biology Laboratory (1)	
CHANGE	BIOL 107 A	Molecular Biology (4)	
CHANGE	BSWT 003	Basic Writing for Second-Language Students (4)	
CHANGE	BSWT 003 D	Basic Writing for Second-Language Students (2)	
CHANGE	BSWT 003 L	Basic Writing for Second-Language Students (2)	
CHANGE	CEE 125	Analytical Methods for Chemical and Environmental Engineers (4)	
CHANGE	CEE 140 B	Biomaterials (4)	
CHANGE	CEE 159	Dynamics of Biological Systems (4)	
CHANGE	CS 005	Introduction to Computer Programming (4)	
CHANGE	CS 008	Introduction to Computing (4)	
CHANGE	CS 010	Introduction to Computer Science for Science, Mathematics, and Engineering I (4)	
CHANGE	CS 011	Introduction to Discrete Structures (4)	
CHANGE	CS 012	Introduction to Computer Science for Science, Mathematics, and Engineering II (4)	
CHANGE	CS 013	Introductory Computer Science for Engineering Majors (4)	
CHANGE	CS 014	Introduction to Data Structures and Algorithms (4)	
CHANGE	CS 030	Introduction to Computational Science and Engineering (4)	
CHANGE	CS 061	Machine Organization and Assembly Language Programming (4)	
CHANGE	CS 111	Discrete Structures (4)	
CHANGE	CS 121	Programming Embedded Systems (4)	
CHANGE	CS 122 A	Intermediate Embedded and Real-Time Systems (5)	
CHANGE	CS 161	Design and Architecture of Computer Systems (4)	
CHANGE	CS 161 L	Laboratory in Design and Architecture of Computer Systems (2)	
CHANGE	CS 162	Computer Architecture (4)	
CHANGE	DNCE 007	Dance: Cultures and Contexts (4)	
CHANGE	DNCE 007 W	Dance: Cultures and Contexts (4)	
CHANGE	DNCE 071 A	Beginning Ballet Technique (2)	
CHANGE	DNCE 071 B	Intermediate Ballet Technique (2)	
CHANGE	DNCE 075 A	Beginning Dance Techniques and Practices (2)	
CHANGE	DNCE 075 B	Intermediate Dance Techniques and Practices (2)	
CHANGE	DNCE 114 A	Dance Composition I (4)	
CHANGE	DNCE 187	Improvisation Studies (4)	
CHANGE	EDUC 050	Intercollegiate Athletics and American Higher Education (4)	
CHANGE	EE 020	Linear Methods for Engineering Analysis and Design Using MATLAB (4)	
CHANGE	EE 123	Power Electronics (4)	
CHANGE	EE 153	Electric Drives (4)	
CHANGE	EE 155	Power System Analysis (4)	
CHANGE	ENGR 160	Introduction to Engineering Optimization Techniques (4)	
CHANGE	ENVE 120	Unit Operations and Processes in Environmental Engineering (4)	
CHANGE	ENVE 121	Biological Unit Processes (4)	
CHANGE	ENVE 133	Fundamentals of Air Pollution Engineering (4)	

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<u>Action:</u>	<u>Course:</u>	<u>Title:</u>	<u>Course Renumbered:</u>
CHANGE	ENVE 140	Aquatic Chemistry (4)	
CHANGE	ETST 131	Race, Class, and Gender (4)	
CHANGE	ETST 177	The U.S. Prison Industrial Complex: Race, Gender, and Citizenship (4)	
CHANGE	ETST 186	Policing and the Hegemony of "Law and Order": Race, Gender, Sexuality, Citizenship, and the Politics of Criminalization (4)	
CHANGE	GBST 130	Management of International Water (4)	
CHANGE	GEO 004	Natural Hazards and Disasters (4)	
CHANGE	GEO 161	Cenozoic Climate Change (4)	
CHANGE	GER 004	Intermediate German (4)	
CHANGE	GSST 131	Sustainability, Gender and Development in the Global South (4)	
CHANGE	GSST 161	Gender and Science (4)	
CHANGE	GSST 171	Environmental Health and Social Justice (4)	
CHANGE	GSST 173	Gender and Climate Change (4)	
CHANGE	GSST 181	Feminisms and Environmentalisms (4)	
CHANGE	GSST 183	Feminist Politics of Food (4)	
CHANGE	HISA 125 (E-Z)	Topics in American Society and Culture (4)	
CHANGE	HISE 174	Russia Since 1917 (4)	
CHANGE	HIST 020	World History: Twentieth Century (4)	
CHANGE	HIST 030	Themes and Personalities in History (4)	
CHANGE	HIST 060	Years of Protest: America, 1960-1975 (4)	
CHANGE	HIST 075	Introduction to Latin America (4)	
CHANGE	HIST 099 W	The Historian's Workshop (4)	
CHANGE	MATH 011	Introduction to Discrete Structures (4)	
CHANGE	MATH 031	Applied Linear Algebra (5)	
CHANGE	MATH 135 A	Numerical Analysis (4)	
CHANGE	MATH 149 A	Probability and Mathematical Statistics (4)	
CHANGE	MATH 149 B	Probability and Mathematical Statistics (4)	
CHANGE	ME 176	Sustainable Product Design (4)	
CHANGE	MUS 081 (E-Z)	Private Instruction: Brass, Woodwinds, Percussion, and Other Instruments (1)	
CHANGE	MUS 170	Rondalla Ensemble (1-2)	MUS 081Q, MUS 181Q
CHANGE	MUS 177	Music of North India: Tabla (drums) (1-2)	MUS 081T, MUS 181T
CHANGE	MUS 181 (E-Z)	Private Instruction: Brass, Woodwinds, Percussion, and Other Instruments (2)	
CHANGE	PHYS 132	Thermal Physics (4)	
CHANGE	PHYS 133	Advanced Statistical Physics (4)	
CHANGE	PHYS 177	Computational Methods for Physical Sciences (4)	
CHANGE	PSYC 011	Psychological Methods: Statistical Procedures (5)	
CHANGE	STAT 160 A	Elements of Probability and Statistical Theory (4)	
CHANGE	STAT 160 B	Elements of Probability and Statistical Theory (4)	
CHANGE	STAT 160 C	Elements of Probability and Statistical Theory (4)	
Professional Courses:			
NEW	CHEM 402	Chemical Laboratory Safety (1)	
Graduate Courses:			
RESTORE	CHEM 217	Polymers: Synthesis and Characterization (3)	
NEW	CHEM 296	Special Topics Seminar (2)	
NEW	EDUC 205	Economics of Education (4)	
NEW	EDUC 210	Sociology of Education (4)	
NEW	EDUC 245 J	Review of Research Literature in Education (4) School Effects	
NEW	EDUC 273	Theories of Critical Pedagogy (4)	
NEW	EDUC 278	Critical Race Theory In Education (4)	
NEW	EE 252	Data Center Architecture (4)	
NEW	MSE 298 I	Individual Internship in Materials Science & Engineering (1-12)	
NEW	PBPL 231	Labor Economics and Labor Policies (4)	

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NEW	PBPL 235	Economic Development in United States Cities (4)	
NEW	PBPL 240	Global Environmental Policy (4)	
NEW	PBPL 260	Education Policy Analysis (4)	
NEW	PBPL 273	Geographic Information Systems (GIS) for Public Policy (4)	
NEW	PBPL 280	Special Topics in Public Policy (1-2)	
NEW	PBPL 290	Directed Studies (1-6)	
NEW	PBPL 291	Individual Study in Coordinated Areas (1-12)	
NEW	PBPL 297	Directed Research (1-6)	
NEW	SOC 258	Quantitative Macro Comparative Methods (4)	
DELETE	BIEN 223 V	Engineering Analysis of Physiological Systems (4)	
DELETE	BIEN 224 V	Cellular and Molecular Engineering (4)	
DELETE	BIEN 249 V	Integration of Computational and Experimental Biology (4)	
DELETE	BIEN 264 V	Biotransport Phenomena (4)	
DELETE	CEE 225 V	Physical-Chemical Treatment Processes (4)	
DELETE	CEE 226 V	Biological Unit Processes (4)	
DELETE	CEE 241 V	Aquatic Chemistry (4)	
DELETE	CEE 243 V	Advanced Water Treatment Technologies (4)	
DELETE	CS 229 V	Machine Learning (4)	
DELETE	CS 235 V	Data Mining Techniques (4)	
DELETE	CS 242 V	Information Retrieval and Web Search (4)	
DELETE	EE 218 V	Power System Steady State and Market Analysis (4)	
DELETE	EE 232 V	Introduction to Smart Grid (4)	
DELETE	ENGR 200 V	Engineering in the Global Environment (4)	
DELETE	ENGR 201 V	Technology Innovation and Strategy for Engineers (4)	
DELETE	ENGR 202 V	Introduction to Systems Engineering (4)	
DELETE	ENGR 203 V	Principles of Engineering Management (4)	
DELETE	ME 210 V	Sustainable Product Design (4)	
DELETE	ME 223 V	Secure and Reliable Control Systems (4)	
DELETE	ME 249 V	Fundamentals of Fluid Mechanics (4)	
DELETE	ME 274 V	Plasma-aided Manufacturing and Materials Processing (4)	
DELETE	MSE 201 V	Thermodynamic Foundations of Materials (4)	
DELETE	MSE 210 V	Crystal Structure and Bonding (4)	
DELETE	MSE 248 V	Nanoscale Science and Engineering (4)	
DELETE	STAT 206 V	Statistical Computing (4)	
CHANGE	BIEN 223	Engineering Analysis of Physiological Systems (4)	
CHANGE	BIEN 224	Cellular and Molecular Engineering (4)	
CHANGE	BIEN 249	Integration of Computational and Experimental Biology (4)	
CHANGE	BIEN 264	Biotransport Phenomena (4)	
CHANGE	CEE 225	Physical-Chemical Separation Processes (4)	
CHANGE	CEE 226	Biological Unit Processes (4)	
CHANGE	CEE 241	Aquatic Chemistry (4)	
CHANGE	CEE 243	Advanced Water Treatment Technologies (4)	
CHANGE	CEE 247	Molecular Thermodynamics of Complex Fluids (4)	
CHANGE	CEE 249	Integration of Computational and Experimental Biology (4)	
CHANGE	CS 203	Advanced Computer Architecture (4)	
CHANGE	CS 229	Machine Learning (4)	
CHANGE	CS 235	Data Mining Techniques (4)	
CHANGE	CS 242	Information Retrieval and Web Search (4)	
CHANGE	CWPA 288	Thesis/Manuscript Workshop (4)	
CHANGE	CWPA 299	Research for the Thesis or Manuscript (1-12)	
CHANGE	EDUC 214 A	Introduction to Quantitative Methods (4)	EDUC 241C
CHANGE	EDUC 214 B	(5)	EDUC 214
CHANGE	EDUC 214 C	Educational Research: Experimental Design (5)	EDUC 215
CHANGE	EDUC 215 A	Educational Research: Advanced Statistics (5)	EDUC 216
CHANGE	EDUC 215 B	Factor Analysis (4)	EDUC 213
CHANGE	EDUC 215 C	Structural Equation Modeling (4)	EDUC 287
CHANGE	EDUC 215 D	Multilevel Modeling (4)	EDUC 234A

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<u>Action:</u>	<u>Course:</u>	<u>Title:</u>	<u>Course Renumbered:</u>
CHANGE	EDUC 242 A	Educational and Psychological Measurement and Evaluation (4)	
CHANGE	EDUC 246 (E-Z)	Research on Education of Exceptional Children (4)	
CHANGE	EDUC 259	Research Seminar (2)	
CHANGE	EDUC 298 I	Individual Internship (1-12)	
CHANGE	EE 218	Power System Steady State and Market Analysis (4)	
CHANGE	EE 232	Introduction to Smart Grid (4)	
CHANGE	EE 243	Advanced Computer Vision (4)	
CHANGE	ENGR 200	Engineering in the Global Environment (4)	
CHANGE	ENGR 201	Technology Innovation and Strategy for Engineers (4)	
CHANGE	ENGR 202	Introduction to Systems Engineering (4)	
CHANGE	ENGR 203	Principles of Engineering Management (4)	
CHANGE	ENGR 296	Professional Project Design (1-4)	ENGR 296V
CHANGE	HIST 238	Reading Seminar in Oral History (4)	HIST 238A
CHANGE	HIST 238 L	Oral History Practicum (4)	HIST 238B
CHANGE	ME 203	Design and Analysis of Engineering Experiments (4)	
CHANGE	ME 210	Sustainable Product Design (4)	
CHANGE	ME 223	Secure and Reliable Control Systems (4)	
CHANGE	ME 230	Computer-Aided Engineering Design (4)	
CHANGE	ME 240 A	Fundamentals of Fluid Mechanics (4)	
CHANGE	ME 272	Nanoscale Science and Engineering (4)	
CHANGE	ME 274	Plasma-aided Manufacturing and Materials Processing (4)	
CHANGE	MSE 201	Thermodynamic Foundations of Materials (4)	
CHANGE	MSE 210	Crystal Structure and Bonding (4)	
CHANGE	MSE 246	Cellular and Molecular Engineering (4)	
CHANGE	MSE 248	Nanoscale Science and Engineering (4)	
CHANGE	PBPL 220	Policy Evaluation (4)	
CHANGE	PHYS 209 A	Quantum Electronics (4)	
CHANGE	PHYS 246	Biological Physics (4)	
CHANGE	STAT 206	Statistical Computing (4)	
CHANGE	STAT 207	Advanced Statistical Computing (4)	
CHANGE	STAT 255 (E-Z)	Seminar on Topics in Applied Statistics (4)	
CHANGE	STAT 255 S	Seminar on Topics in Applied Statistics (4) Advanced Topics in Health Statistics	

Extension Courses:

INSTRUCTOR	SOC X4	Introduction to Criminal Law and Procedure, Christy Biancullo, M.S.
INSTRUCTOR	EDUC X80	An Introduction to Early Childhood Studies: Child Growth and Development, Valerie Marquez, M.A.
INSTRUCTOR	EDUC X80.01	Principles and Practices of Teaching Young Children, Birgit Monks, Ed.D.
INSTRUCTOR	EDUC X81.92	Teaching in a Diverse Society, Valerie Marquez, M.A.
INSTRUCTOR	EDUC X85	Supervising Adults Within Early Childhood Educational Settings, Norma Sylvia Moreno, M.A.
INSTRUCTOR	EDUC X87.01	Health, Nutrition and Safety in Early Childhood, Bertha Barajas, M.A.
INSTRUCTOR	EDUC X87.45	Infant and Toddler Development, Valerie Marquez, M.A.
INSTRUCTOR	EDUC X88.A	Seminar in Administration and Supervision of Early Childhood Centers, Part A, Norma Sylvia Moreno, M.A.
INSTRUCTOR	EDUC X88.B	Seminar in Administration and Supervision of Early Childhood Education Centers, Part B, Norma Sylvia Moreno, M.A.
INSTRUCTOR	EDUC X88.63	Education and Care of the Infant, Valerie Marquez, M.A.
INSTRUCTOR	EDUC X105.01	Disney Advanced Studies in Hospitality Management, Alissa Bass, M.B.A.