Approved by Faculty Senate 9/30/2010

M E M O R A N D U M

TO: Deans and Chairs

FROM: Becky Bitter, Assistant Registrar

DATE: September 23, 2010

SUBJECT: Minor Change Bulletin No. 1

The courses listed below reflect the minor curricular changes approved by the catalog editor since approval of the last Minor Change Bulletin. The column to the far right indicates the date each change becomes effective.

Prefix	Course Number	New Revise Drop	Current	Proposed	Effective Date
Anth	**198**	**Drop**	[K] **Anthropology Honors** 3 Open only to students in the Honors College.	--N/A--	**8-10**
Bdcst	**466**	**Revise**	**Digital Video Editing for News Reporting and Documentary** 3 (2-3) ~~Prereq Bdcst 465 or 455;~~ certified major in communications. Video editing for news reporting; feature-length editing for news and public affairs topics; documentaries; visual storytelling.	**Digital Video Editing for News Reporting and Documentary** 3 (2-3) Prereq certified major in communications. Video editing for news reporting; feature-length editing for news and public affairs topics; documentaries; visual storytelling.	**1-11**
Biol	**251**	**Revise**	**Introductory Human Physiology** 4 (3-3) Rec ~~one semester general biology and~~ one semester chemistry. Basic physiological processes in humans from the cellular to the organismal level.	**Introductory Human Physiology** 4 (3-3) Prereq Biol 102, 106, or 107; rec one semester chemistry. Basic physiological processes in humans from the cellular to the organismal level.	**5-11**
C E	**596**	**Revise**	**Engineered Wood Composites** 3 Prereq graduate standing. Theory and practice of wood composite materials, manufacture and development. ~~Cooperative course taught by WSU, open to UI students (MSE 550).~~	**Engineered Wood Composites** 3 Prereq graduate standing. Theory and practice of wood composite materials, manufacture and development.	**1-11**
C E	**597**	**Revise**	**Polymers and Surfaces for Adhesion** 3 Prereq MSE 402 or 404. Physical chemistry of polymers and surfaces needed to understand interface morphology,	**Polymers and Surfaces for Adhesion** 3 Prereq MSE 402 or 404. Physical chemistry of polymers and surfaces needed to understand interface morphology,	**1-11**

			adhesion mechanisms and bond performance. ~~Cooperative course taught by WSU, open to UI students (FORPR 532).~~	adhesion mechanisms and bond performance.	
C E	**598**	**Revise**	**Natural Fiber Polymer Composites** 3 Prereq graduate standing. Fundamentals, development and application of composite materials produced from polymers reinforced with natural fibers and wood as major components. ~~Cooperative course taught by WSU, open to UI students (FORPR 533).~~	**Natural Fiber Polymer Composites** 3 Prereq graduate standing. Fundamentals, development and application of composite materials produced from polymers reinforced with natural fibers and wood as major components.	**1-11**
Ch E	**461**	**Revise**	**Introduction to Nuclear Engineering** 3 Prereq ~~junior in engineering or physical science.~~ Same as M E 461.	**Introduction to Nuclear Engineering** 3 Prereq junior or senior standing in engineering or physical sciences; Math 315 or equivalent. Same as M E 461.	**8-10**
E E	**470**	**Revise**	**Concepts in Biotechnology** 3 Prereq [B] GER; senior standing; certified major in engineering or computer science. Fundamentals of biological sciences and biotechnology for engineers and computer scientists.	**Concepts in Biotechnology** 3 Prereq [B] GER; senior standing; certified major in electrical engineering, computer engineering, or computer science. Fundamentals of biological sciences and biotechnology for engineers and computer scientists.	**1-11**
E M	**545**	**Revise**	**Technical Decision Analysis** 3 Prereq graduate standing. Decision analysis provides a structured discipline for describing, analyzing, and finalizing decisions involving uncertainty.	**Technical Decision Analysis** 3 Prereq basic stats course; graduate standing. Decision analysis provides a structured discipline for describing, analyzing, and finalizing decisions involving uncertainty.	**8-10**
EdPsy	**563**	**Revise**	**Principles of Research** 3 Prereq ~~EdPsy 508 or c//; rec CoPsy 501 or EdRes 562.~~ Same as EdRes 563.	**Principles of Research** 3 Prereq EdRes 562 or CoPsy 501. Same as EdRes 563.	**8-10**
EdPsy	**564**	**Revise**	**Qualitative Research** 3 Same as EdRes 564.	**Qualitative Research** 3 Prereq EdRes 563. Same as EdRes 564.	**8-10**
EdRes	**562**	**Revise**	**Epistemology, Inquiry, and Representation** 3 Prereq doctoral ~~student~~. Epistemological assumptions and methodological strategies of research.	**Epistemology, Inquiry, and Representation** 3 Prereq doctoral standing; EdPsy 505 or c//. Epistemological assumptions and methodological strategies of research.	**8-10**
EdRes	**563**	**Revise**	**Principles of Research** 3 Prereq	**Principles of Research** 3 Prereq	**8-10**

			EdPsy 508 or c//; rec CoPsy 501 or EdRes 562. The centrality of literature review and the understanding of methods used in educational research; practice in designing research questions.	EdRes 562 or CoPsy 501. The centrality of literature review and the understanding of methods used in educational research; practice in designing research questions.	
EdRes	**564**	**Revise**	**Qualitative Research** 3 Prereq ~~EdRes/EdPsy 563~~. Theoretical underpinnings of qualitative research; familiarity with published qualitative research in education; practical research skills.	**Qualitative Research** 3 Prereq EdRes 563. Theoretical underpinnings of qualitative research; familiarity with published qualitative research in education; practical research skills.	**8-10**
Engl	**202**	**Revise**	**Grammar in Context** 1 May be repeated for credit; cumulative maximum 5 hours. Prereq concurrent writing course. Tutorial to assist students in mastering conventions of Standard Edited American English. S, F grading.	**Grammar in Context** 1 May be repeated for credit; cumulative maximum 5 hours. Prereq concurrent writing course. Tutorial to assist students in mastering conventions of Standard Edited American English. Assigned tutorials in the WSU Writing Center. S, F grading.	**8-10**
FS	**432**	**Revise**	~~[M]~~ **Food Engineering** 3 Prereq FS 303. Food engineering for improving the efficiency of food processing operations and quality processed food; heat transfer, stream, air-vapor mixtures, refrigeration and fluid flow. Cooperative course taught jointly by WSU and UI (FS 432).	**Food Engineering** 3 Prereq FS 303. Food engineering for improving the efficiency of food processing operations and quality processed food; heat transfer, stream, air-vapor mixtures, refrigeration and fluid flow. Cooperative course taught jointly by WSU and UI (FS 432).	**8-10**
Hist	**290**	**Drop**	[S] **Honors History II** 3 Prereq honors students only. Introduction to social science research through a historical lens.	--N/A--	**8-10**
Hort	**231**	**Revise**	**Landscape Plant Materials I** 3 (2-3) ~~Prereq~~ Biol 120 or Hort 202. ~~Characteristics, ecology, nomenclature, identification, selection, and use of important woody and herbaceous landscape plant species.~~	**Landscape Plant Materials I** 3 (2-3) Rec Biol 120 or Hort 202. Characteristics, identification, nomenclature, ecology, selection, and use of landscape plants, including flowering annuals, deciduous woody plants, and broadleaf evergreens.	**8-10**
Hort	**232**	**Revise**	**Landscape Plant Materials II** 3 (2-3) Rec Biol 120 or Hort 202. Continuation of Hort 231.	**Landscape Plant Materials II** 3 (2-3) Rec Biol 120 or Hort 202. Characteristics, identification, growth, ecology, selection, and use	**8-10**

				of landscape plants, including connifers, evergreens, interior plants, herbaceous perennials, and flowering woody plants.	
Hort	**310**	**Revise**	**Pomology** 3 Prereq biological or plant science course. History, botany, cultivation and uses of temperate-zone tree fruits. ~~Cooperative course taught by UI, open to WSU students (PLSC 310).~~	**Pomology** 3 Prereq biological or plant science course. History, botany, cultivation and uses of temperate-zone tree fruits. Cooperative course taught by WSU, open to UI students (PLSC 310).	**8-10**
I D	**102**	**Revise**	**Basic Environmental Design Studio** 3 (0-6) Prereq I D 101. ~~Application of basic design elements to the exploration of space and form.~~ Credit not granted for both I D 102 and I D 200.	**Interior Design Studio** I 3 (0-6) Prereq I D 101. Interior design problem-solving grounded in aesthetic theories. Credit not granted for both I D 102 and I D 200.	**8-10**
LPSt	**410**	**Drop**	[M**] Leadership and the Humanities** 3 Prereq junior standing. Leadership from the perspective of the humanities including historical analyses, film, literary masterpieces and contemporary treatises.	--N/A--	**8-10**
LPSt	**420**	**Drop**	**Leadership: Diverse Cultural Perspectives** 3 Prereq junior standing. Leadership from diverse cultural perspectives including East Asian philosophies; application to personal and professional leadership roles.	--N/A--	**8-10**
M E	**460**	**Drop**	**Nuclear Reactor Engineering** 3 Prereq M E 461. Nuclear reactor design problems in thermodynamics, fluid flow, heat transfer, fuel preparation, waste disposal, materials selection; discussion of reactor types. Cooperative course taught by UI, open to WSU students (NE 460).	--N/A--	**8-10**
M E	**461**	**Revise**	**Introduction to Nuclear Engineering** 3 Prereq ~~junior in engineering or physical science.~~ Applied nuclear physics; application to the nuclear fuel cycle and nuclear reactor core design;	**Introduction to Nuclear Engineering** 3 Prereq junior or senior standing in engineering or physical sciences; Math 315 or equivalent. Applied nuclear physics; application to the nuclear	**8-10**

			nuclear reactor systems and safety.	fuel cycle and nuclear reactor core design; nuclear reactor systems and safety.	
M E	**520**	**Revise**	**Multiscale Modeling in Thermomechanics of Materials** 3 Prereq ~~Math 540 or Phys 571; Math 570, M E 501, 521, 526, 531 or MSE 513.~~ Multiscale problems in thermomechanics of materials; practical and computational aspects of homogenization, granular materials, dislocation plasticity and atomistic methods.	**Multiscale Modeling in Thermomechanics of Materials** 3 Prereq graduate standing or permission of instructor. Multiscale problems in thermomechanics of materials; practical and computational aspects of homogenization, granular materials, dislocation plasticity and atomistic methods.	**1-11**
M E	**521**	**Revise**	**Fundamentals of Fluids I** 3 Prereq C E 315 or M E 303. Governing equations of fluid mechanics accompanied by applications of Navier-Stokes equation to simple flow situations, boundary layer analysis. Cooperative course taught by WSU, open to UI students (ME ~~521~~).	521 **Fundamentals of Fluids I** 3 Prereq C E 315 or M E 303. Governing equations of fluid mechanics accompanied by applications of Navier-Stokes equation to simple flow situations, boundary layer analysis. Cooperative course taught by WSU, open to UI students (ME 520).	**1-11**
M E	**523**	**Revise**	**Engineering Acoustics** 3 Prereq graduate standing. Fundamentals of acoustics including wave theory; transmission through layers; generation and reception, low frequency models; application to sound measurement, transducers, loudspeaker cabinet design, and nondestructive testing; acoustic design project required. Cooperative course taught by UI, open to WSU students (~~ECE 579~~).	**Engineering Acoustics** 3 Prereq graduate standing. Fundamentals of acoustics including wave theory; transmission through layers; generation and reception, low frequency models; application to sound measurement, transducers, loudspeaker cabinet design, and nondestructive testing; acoustic design project required. Cooperative course taught by UI, open to WSU students (ME 513).	**1-11**
M E	**530**	**Revise**	**Elasticity** 3 Prereq M E 414; graduate standing. Theory of kinematics of solid deformable bodies; conservation laws applied to an elastic continuum; generalized linear stress-strain behavior with applications. Cooperative course taught by WSU, open to UI students (ME ~~530~~).	**Elasticity** 3 Prereq M E 414; graduate standing. Theory of kinematics of solid deformable bodies; conservation laws applied to an elastic continuum; generalized linear stress-strain behavior with applications. Cooperative course taught by WSU, open to UI students (ME 548).	**1-11**
M E	**531**	**Revise**	**Theory of Plasticity** 3 Rec M E 501. The fundamentals of the	**Theory of Plasticity** 3 Rec M E 501. The fundamentals of the	**1-11**

			theory of plasticity; the classical theory of plasticity; the classical theory and modern continuum theories of large elasto-plastic deformations. ~~Cooperative course taught by WSU, open to UI students (ME 531).~~	theory of plasticity; the classical theory of plasticity; the classical theory and modern continuum theories of large elasto-plastic deformations.	
M E	**574**	**Revise**	**Foundations of CAD** 3 Topics fundamental to the creation of CAD, engineering visualization, and virtual reality based engineering software. Cooperative course taught by WSU, open to UI students (ME ~~534~~).	**Foundations of CAD** 3 Topics fundamental to the creation of CAD, engineering visualization, and virtual reality based engineering software. Cooperative course taught by WSU, open to UI students (ME 521).	**1-11**
MSE	**520**	**Revise**	**Multiscale Modeling in Thermodynamics of Materials** 3 Prereq ~~Math 540 or Phys 571; Math 570, M E 501, 521, 526, 531 or MSE 513~~. Same as M E 520.	**Multiscale Modeling in Thermodynamics of Materials** 3 Prereq graduate standing or permission of instructor. Same as M E 520.	**1-11**
MSE	**530**	**Revise**	**Elasticity** 3 Prereq M E 414; graduate standing. Same as M E 530. Cooperative course taught by WSU, open to UI students (ME ~~530~~).	**Elasticity** 3 Prereq M E 414; graduate standing. Same as M E 530. Cooperative course taught by WSU, open to UI students (ME 548).	**1-11**
MSE	**546**	**Revise**	**Engineered Wood Composites** 3 Same as C E 596. ~~Cooperative course taught by WSU, open to UI students (MSE 550).~~	**Engineered Wood Composites** 3 Same as C E 596.	**1-11**
MSE	**547**	**Revise**	**Polymers and Surfaces for Adhesion** 3 Prereq MSE 402 or 404. Same as C E 597~~. Cooperative course taught by WSU, open to UI students (FORPR 532).~~	**Polymers and Surfaces for Adhesion** 3 Prereq MSE 402 or 404. Same as C E 597.	**1-11**
MSE	**548**	**Revise**	**Natural Fiber Polymer Composites** 3 Prereq graduate standing. Same as C E 598. ~~Cooperative course taught by WSU, open to UI students (FORPR 533).~~	**Natural Fiber Polymer Composites** 3 Prereq graduate standing. Same as C E 598.	**1-11**
N S	**402**	**Revise**	~~**Naval Leadership** 2~~ Rec N S 401. ~~Principles and styles of leadership, personal attributes, and UCMJ.~~ Cooperative course taught by UI, open to WSU students (NS 402).	**Leadership and Ethics** 3 Rec N S 401. Leadership and Ethics: An intellectual exploration of Western moral traditions and ethical philosophy within a military context. Topics will include military leadership, core values,	**8-10**

				professional ethics, and conduct of warfare with applications appropriate for future Navy and Marine Corps officers. (Spring only). Cooperative course taught by UI, open to WSU students (NS 402).	
NATRS	**314**	**Drop**	**Forest Measurements and Yield Prediction** 4 (3-3) Prereq NATRS 204, Stat 212 or Stat 412. Introduction to techniques for measuring and quantifying tree characteristics, describing site productivity, stand structure and depicting tree and stand development.	--N/A--	**8-10**
NATRS	**417**	**Drop**	**Special Topics** V 1-3 May be repeated for credit; cumulative maximum 6 hours.	--N/A--	**8-10**
Nurs	**556**	**Revise**	**Community-Based/Population-Focused Role Practicum** V ~~3 (2-3)~~ to 6 (2-12) Prereq permission of instructor. Culminating analysis, development, and enactment of advanced practice roles in teaching, practice, or administration of community-based/population-focused nursing.	**Community-Based/Population-Focused Role Practicum** V 2 (1-3) to 6 (2-12) Prereq permission of instructor. Culminating analysis, development, and enactment of advanced practice roles in teaching, practice, or administration of community-based/population-focused nursing.	**1-11**
Phil	**198**	**Drop**	**[H] Philosophy Honors** 3 Open only to students in the Honors College.	--N/A--	**8-10**
Pol S	**198**	**Drop**	**[S] Political Science Honors** 3 Open only to students in the Honors College.	--N/A--	**8-10**
Psych	**198**	**Drop**	**[S] Psychology Honors** 3 Prereq admittance to the Honors College. Credit not granted for both Psych 105 and 198.	--N/A--	**8-10**
Sci	**101**	**Revise**	**[Q] Origins in the Natural World** 4 (3-3) Interdisciplinary approach to science in the modern world for non-science majors. If both Sci 101 and 102 are taken, students satisfy [B], [P] and laboratory requirement.	**[Q] Origins in the Natural World** 4 (3-3) Interdisciplinary approach to science in the modern world for non-science majors. If both Sci 101 and 102 are taken, students satisfy [B], [P] and laboratory requirement. Field trip required.	**8-10**
Sci	**298**	**Revise**	~~(198)~~ **The Sciences for Honors**	**The Sciences for Honors**	**8-10**

			Students I 4 (3-3) Prereq honors students only. Interdisciplinary approach to science in the modern world developed specifically for students not majoring in the sciences.	**Students I** 4 (3-3) Prereq honors students only. Interdisciplinary approach to science in the modern world developed specifically for students not majoring in the sciences. Field trip required.	
SHS	**376**	**Revise**	**Speech Sound Disorders** 3 Clinical phonetics and transcription; evaluation and treatment of atriculatory disorders; delayed phonological acquisition; dysarthria; and dyspraxia.	**Speech Sound Disorders** 3 Prereq SHS 375. Clinical phonetics and transcription; evaluation and treatment of atriculatory disorders; delayed phonological acquisition; dysarthria; and dyspraxia.	**8-10**
SHS	**482**	**Revise**	**[M] Assessment of Speech and Language** 3 Prereq SHS 376 or c//, ~~475 or c//;~~ 478. Principles, techniques, and materials involved in exploring the nature of speech and language disorders; planning programs of therapy.	**[M] Assessment of Speech and Language** 3 Prereq SHS 376 or c//; 478. Principles, techniques, and materials involved in exploring the nature of speech and language disorders; planning programs of therapy.	**8-10**
Soc	**198**	**Drop**	**[S] Introduction to Sociology Honors** 3 Open only to students in the Honors College.	--N/A--	**8-10**
Sp Ed	**596**		**Seminar in Quality Indicators for Research in Special Education** ~~3~~ Prereq doctoral student. Co-requisite for research courses offered to all doctoral students.	**Seminar in Quality Indicators for Research in Special Education** 1 Prereq doctoral student. Co-requisite for research courses offered to all doctoral students.	**8-10**
SpMgt	**573**	**Revise**	**Philosophical Perspectives of Sport and Physical Activity** 3 Ontological, ethical, aesthetic views of physical activity.	**Philosophical Perspectives of Sport and Physical Activity** 3 Prereq SpMgt 365 or equivalent; or permission of instructor. Ontological, ethical, aesthetic views of physical activity.	**8-10**
SpMgt	**574**	**Revise**	**Social and Cultural Issues of Physical Activity and Sport** 3 Prereq SpMgt 367 or equivalent ~~background~~. Sport and physical activity as cultural forms, including the examination of subcultures, stratification, socialization and power relations.	**Social and Cultural Issues of Physical Activity and Sport** 3 Prereq SpMgt 367 or equivalent; or permission of instructor. Sport and physical activity as cultural forms, including the examination of subcultures, stratification, socialization and power relations.	**8-10**
SpMgt	**575**	**Revise**	**Administrative Concepts in Sport Organizations** 3 Effective management for sport programs. Analysis of dynamic management	**Administrative Concepts in Sport Organizations** 3 SpMgt 468 or permission of instructor. Effective management for sport	**8-10**

			process necessary for improvement of productivity in sport organizations.	programs. Analysis of dynamic management process necessary for improvement of productivity in sport organizations.	
SpMgt	**576**	**Revise**	**Marketing of Sport Events and Programs** 3 Prereq SpMgt 464 or equivalent ~~background~~. Principles of sport marketing including public relations, corporate sponsorship, and service quality for sport organizations.	**Marketing of Sport Events and Programs** 3 Prereq SpMgt 464 or equivalent; or permission of instructor. Principles of sport marketing including public relations, corporate sponsorship, and service quality for sport organizations.	**8-10**
SpMgt	**577**	**Revise**	**Law and Risk Management in the Sport Industry** 3 Prereq SpMgt 377 or equivalent ~~background~~. Use of risk management perspective to explore the law as it applies to the management concerns of sport organizations.	**Law and Risk Management in the Sport Industry** 3 Prereq SpMgt 377 or equivalent; or permission of instructor. Use of risk management perspective to explore the law as it applies to the management concerns of sport organizations.	**8-10**
SpMgt	**578**	**Revise**	**Sports in Society** 3 The social significance of sports; sociology of sport research.	**Sports in Society** 3 Prereq SpMgt 367 or equivalent, or permission of instructor. The social significance of sports; sociology of sport research.	**8-10**
T & L	**317**	**Revise**	~~**Secondary Practicum and Seminar**~~ 2 Prereq T&L 301. Classroom experience providing observation, reflection and gradual classroom involvement and teaching responsibility. S, F grading.	**Initial Practicum Experience** 2 Prereq T&L 301. Classroom experience providing observation, reflection and gradual classroom involvement and teaching responsibility. S, F grading.	**8-10**
U H	**290**	**Revise**	**Science as a Way of Knowing** 3 Prereq science or engineering majors. Exploration of how scientific knowledge is acquired, refined and advanced; hands-on experience with scientific scholarship	**Science as a Way of Knowing** 3 Prereq lab science course or c//; science or engineering major. Exploration of how scientific knowledge is acquired, refined and advanced; hands-on experience with scientific scholarship	**8-10**
V MS	**499**		**Special Problems V** 1 (0-3) to 4 (0-12) May be repeated for credit. ~~Prereq DVM student~~. Cooperative course taught jointly by WSU and UI (VS 404). S, F grading.	**Special Problems V** 1 (0-3) to 4 (0-12) May be repeated for credit. Cooperative course taught jointly by WSU and UI (VS 404). S, F grading.	**8-10**