

John, I've just come from talking to Bob about this. We both feel that the issue is a broader one that should be discussed by the UGCC. There may be other courses besides MET 1999 that have content that changes and could meet criteria for allowing a repeat. Currently, the Graduation Office allows Special Topics, Special Projects, Field Projects, and the like. I think it would be good to have some guidelines, if not a statement in the course description that designates it as repeatable up to a certain limit. Of course, the departments still decide which and how many are appropriate for their programs. With automated degree audit coming up soon, we will need to know which courses to program as ok to repeat.

Cookie

Hi Liz,

On the repeatable language I think you have to have something about subject to the student's home department approval. If you don't have that statement next to each course with a repeatable option students may take the course for three credits and then find out later that their department does not approve that particular course for repeats.

Also I notice that on your list of repeat courses, none of the thesis or dissertation courses are listed. I'm also not seeing the special topics courses in OCN, ENS and OCE (4901, 4902, 4903, 5901, 5902, 5903) at both the graduate and undergraduate level. Will we need to present course descriptions and justification for all these repeat courses to the UGCC and Grad Council?

Thanks,

John W

John and all,

I really don't think it's necessary to put in language about subject to advisor's/dept's approval since all undergraduates have to have their advisor's approval anyway before they can register. You could say that about every course they take.

About special topics courses....I think it's been 'understood' that the nature of these courses is a changing subject matter. We could make it clearer and add a 'repeatable' statement to these. I'm copying Antionet to get her take on this.

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**Undergraduate courses using “Repeatable” in Course Description copy:**

- 1) AVF 4090 SPECIAL TOPICS IN FLIGHT TRAINING (1 credits). Topics vary by semester and may include advanced instrument flight, advanced aerobatics and advanced crew resource management. Flight fees vary depending on topic and flight hours required. May be repeated for credit. (Requirement: Program chair approval.)
- 2) CRM 3415 SPECIAL TOPICS IN CRIMINOLOGY (1 credits). Topics of special interest in criminology and criminal justice are offered when student interest and staffing permit. May be repeated. Prerequisites: CRM 2445 or PSY 2447.
- 3) CSE 4401 INDEPENDENT STUDY IN COMPUTER SCIENCE (1 credits). Individual projects under the direction of faculty members of the computer science program. May be repeated for credit. (Requirement: Instructor approval.)
- 4) CSE 4402 INDEPENDENT STUDY IN COMPUTER SCIENCE (2 credits). Individual projects under the direction of faculty members of the computer science program. May be repeated for credit. (Requirement: Instructor approval.)
- 5) CSE 4403 INDEPENDENT STUDY IN COMPUTER SCIENCE (3 credits). Individual projects under the direction of faculty members of the computer science program. May be repeated for credit. (Requirement: Instructor approval.)
- 6) CSE 4510 SPECIAL TOPICS IN COMPUTER SCIENCE (3 credits). Explores new and emerging topics within the various disciplines included in the field of computer science. Subject matter varies, depending on the instructor and other available resources. May be repeated for credit, provided the topics change. (Requirement: Instructor approval.)
- 7) ECE 4001 SPECIAL TOPICS IN ELECTRICAL AND COMPUTER ENGINEERING (1 credits). Offers lab or lecture in selected fields of computer and electrical engineering. May be repeated as needed.
- 8) PSF 3515 SPECIAL TOPICS IN FORENSIC PSYCHOLOGY (1 credits). Offers topics of particular general interest in forensic psychology, criminal justice or criminology when student interest and staffing permit. May be repeated. Prerequisites: PSF 2551.
- 9) PSF 4515 ADVANCED SPECIAL TOPICS IN FORENSIC PSYCHOLOGY (1 credits). Offers topics of particular general interest in forensic psychology, criminal justice or criminology when student interest and staffing permit. May be repeated. Prerequisites: PSF 3511.

**Graduate courses using “Repeatable” in Course Description copy:**

- 1) CIS 5400 TOPICS IN COMPUTER INFORMATION SYSTEMS (3 credits). Current topics in computer information systems at the introductory graduate level. Topics vary and the course may be repeated for credit toward the CIS degree. Noncredit for CS or SWE majors. (Requirement: Instructor approval.)
- 2) CSE 5400 TOPICS IN COMPUTER SCIENCE (3 credits). Current topics in computer science at the introductory graduate level. Topics vary and the course may be repeated for credit. (Requirement: Instructor approval.)
- 3) CSE 5401 INDEPENDENT STUDY IN COMPUTER SCIENCE (1-3 credits). Working closely with a faculty member, the student probes a subject in greater depth than is normally possible in a regular class. Requires a comprehensive paper. May be repeated for credit. (Requirement: Instructor approval.)
- 4) CSE 5500 COMPUTER SCIENCE SEMINAR (1 credits). Presentations by faculty, graduate students and guest speakers on topics of current interest. May be repeated for credit.
- 5) CSE 5800 ADVANCED TOPICS IN COMPUTER SCIENCE (3 credits). Current topics in computer science at the advanced graduate level. Topics vary and the course may be repeated for credit. (Requirement: Instructor approval.)
- 6) CSE 5801 INDEPENDENT RESEARCH IN COMPUTER SCIENCE (1-3 credits). Working closely with a faculty member, the student studies a research topic and writes a research paper. May be repeated for credit. (Requirement: Instructor approval.)
- 7) CSE 5802 RESEARCH PROJECTS IN COMPUTER SCIENCE (1-3 credits). The student works closely with a faculty member on a well-defined research project. May be repeated for credit. (Requirement: Instructor approval.)
- 8) CSE 5810 ADVANCED TOPICS IN COMPUTER SCIENCE THEORY (3 credits). Current topics in computer science theory at the graduate level. Topics vary and the course may be repeated for credit. Prerequisites: CSE 5210.
- 9) CSE 5820 ADVANCED TOPICS IN COMPUTER ARCHITECTURE (3 credits). Current topics in computer architecture at the graduate level. Topics vary and the course may be repeated for credit.
- 10) CSE 5830 ADVANCED TOPICS IN OPERATING SYSTEMS (3 credits). Current topics in operating systems at the graduate level. Topics vary and the course may be repeated for credit. Prerequisites: CSE 4001.
- 11) CSE 5835 ADVANCED TOPICS IN COMPUTER NETWORKS (3 credits). Current topics in computer networks at the advanced graduate level. Topics vary and the course may be repeated for credit. Prerequisites: CSE 5231.
- 12) CSE 5840 ADVANCED TOPICS IN PARALLEL AND DISTRIBUTED COMPUTING (3 credits). Current topics in parallel and distributed computing at the graduate level. Topics vary and the course may be repeated for credit. Prerequisites: CSE 5240, CSE 5241.
- 13) CSE 5850 ADVANCED TOPICS IN PROGRAM LANGUAGES (3 credits). Current topics in program languages at the graduate level. Topics vary and the course may be repeated for credit. Prerequisites: CSE 5250.

- 14) CSE 5860 ADVANCED TOPICS IN DATABASE SYSTEMS (3 credits). Current topics in database systems at the graduate level. Topics vary and the course may be repeated for credit. Prerequisites: CSE 5260.
- 15) CSE 5880 ADVANCED TOPICS IN COMPUTER GRAPHICS (3 credits). Current topics in computer graphics at the graduate level. Topics vary and the course may be repeated for credit. Prerequisites: CSE 5280.
- 16) CSE 5890 ADVANCED TOPICS IN ARTIFICIAL INTELLIGENCE (3 credits). Current topics in artificial intelligence at the graduate level. Topics vary and the course may be repeated for credit. Prerequisites: CSE 5290.
- 17) CVE 6991 RESEARCH IN CIVIL ENGINEERING (1-3 credits). Research under the guidance of a member of the civil engineering faculty in a selected area of civil engineering. Repeatable as required.
- 18) ENS 5999 THESIS RESEARCH (0-3 credits). Individual research under the direction of a member of the graduate faculty in a selected environmental topic. May be repeated for a maximum of six credits. (Requirement: Thesis adviser approval.)
- 19) ENS 6993 RESEARCH IN ENVIRONMENTAL SCIENCE (1-3 credits). Research under the guidance of a member of the graduate faculty. Repeatable as required.
- 20) OCE 6993 RESEARCH IN OCEAN ENGINEERING (1-3 credits). Research under the guidance of a member of the graduate faculty. Repeatable as required.
- 21) OCN 6993 RESEARCH IN OCEANOGRAPHY (1-3 credits). Research under the guidance of a member of the graduate faculty. Repeatable as required.
- 22) ORP 6095 PREPARATION FOR CANDIDACY/OPERATIONS RESEARCH (1-6 credits). Research under the guidance of a member of the operations research faculty in a selected area of operations research. Repeatable as required. (Requirement: Program chair approval.)
- 23) PSY 5190 CURRENT TOPICS IN PSYCHOLOGY (1 credits). Discussion and reports on a selected topic of contemporary interest in psychological research and practice. Can be repeated for a total of four credits. (Requirement: Instructor approval.)
- 24) PSY 5191 DIRECTED READINGS IN PSYCHOLOGY (1-3 credits). Selected readings in a specific topic under the direction of a faculty member. Can be repeated for a total of three credits. (Requirement: Program chair approval.)
- 25) PSY 5192 SEMINAR IN PSYCHOLOGY (1 credits). Reports and discussion on current research and practice by students, faculty and visiting psychologists. Can be repeated for a total of four credits. (Requirement: Instructor approval.)
- 26) PSY 5197 SUPERVISED RESEARCH (0 credits). Directed research under the supervision of a member of the psychology faculty in a selected area of psychology. May be repeated. (Requirement: Program chair approval.)
- 27) PSY 5198 SUPERVISED RESEARCH (1-3 credits). Directed research under the supervision of a member of the psychology faculty in a selected area of psychology. Can be repeated for a maximum of nine credits. (Requirement: Program director approval.)
- 28) PSY 5260 SEMINAR IN CONCEPTUAL ISSUES IN BEHAVIOR ANALYSIS (1 credits). Covers conceptual issues in behavior analysis and in radical behaviorism. Includes a Skinnerian analysis of verbal behavior, free will, determinism, coercion and aversive control. Students read books and articles, participate in class discussion, and write and/or present papers. May be repeated for a total of two credits, provided different topics are selected.
- 29) PSY 5261 SEMINAR IN METHODOLOGICAL ISSUES IN ABA (1 credits). Covers methodological issues in behavior analysis. Students read books and articles, participate in class discussion, and write and/or present papers. Includes low tech and high tech research-based methods, computerized data-collection systems and graphing data. May be repeated for a total of two credits, provided different topics are selected.
- 30) PSY 5262 SEMINAR IN THE EXPERIMENTAL ANALYSIS OF BEHAVIOR (1 credits). Covers basic EAB research and seminal articles in the field. Includes basic operant processes, the matching law, higher-order response classes, stimulus equivalence, scheduled-induced behavior, behavioral contrast and behavioral momentum. May be repeated for a total of two credits, provided different topics are selected.
- 31) PSY 5263 SEMINAR IN EDUCATION BEHAVIOR ANALYSIS (1 credits). Covers current topics in educational applications in ABA. Includes programmed instruction and PSI, precision teaching and direct instruction, evidence-based practice, training teachers to manage classroom behavior and to teach children with autism and related disabilities. May be repeated a total of four credits, provided different topics are selected.
- 32) PSY 5264 SEMINAR IN CLINICAL BEHAVIOR ANALYSIS (1 credits). Covers current topics such as parent training, teaching verbal behavior to children with autism, home and school-based programs, positive behavioral supports, and treating self-injurious behavior. May be repeated for a total of four credits, provided different topics are selected.
- 33) PSY 5265 SEMINAR IN ORGANIZATION BEHAVIOR MANAGEMENT (1 credits). Covers current topics in OBM applications. Stresses methods of improving performance using functional assessment, performance feedback and reinforcement. Discusses pay-for-performance structures, systems analysis, and behavior-based safety specialty areas. May be repeated for a total of four credits, provided different topics are selected.

- 34) PSY 5296 PRACTICUM IN CLINICAL BEHAVIOR ANALYSIS (1-3 credits). Students perform functional assessments, develop and implement individual behavior plans, train others to implement programs, monitor program implementation, collect and graph data, and otherwise systematically evaluate behavior change and outcomes. May be repeated for 1-3 credits per semester. Prerequisites: PSY 5241, PSY 5245, PSY 5248.
- 35) PSY 5297 PRACTICUM IN PERFORMANCE MANAGEMENT (1-3 credits). Behavioral assessments, performance management protocols, providing training to managers, monitoring implementation, collecting and graphing data, and otherwise systematically evaluating improvements in performance and outcomes. May be repeated for 1-3 credits per semester. Prerequisites: PSY 5241, PSY 5245, PSY 5250.
- 36) PSY 6198 SUPERVISED RESEARCH (1-3 credits). Directed research under the supervision of a member of the psychology faculty in a selected area of psychology. May be repeated for a maximum of nine credits.
- 37) PSY 6408 CULTURAL SEMINAR IN I/O PSYCHOLOGY (3 credits). Discusses cultural and multicultural issues in industrial/organizational psychology in a research seminar format. May be repeated with instructor's permission.
- 38) PSY 6409 CULTURAL RESEARCH APPLICATIONS IN I/O PSYCHOLOGY (3 credits). Supervised research in cultural applications to industrial/organizational psychology. Topics chosen by the student and supervisor. May be repeated with instructor's permission.
- 39) SWE 5900 SPECIAL TOPICS IN SOFTWARE ENGINEERING (1-3 credits). Selected topics of current interest in software engineering. Material varies according to faculty and student interest. May be repeated for credit. (Requirement: Instructor approval.)
- 40) SYS 5999 THESIS RESEARCH IN SYSTEMS ENGINEERING (0-3 credits). Individual research under the direction of a member of the graduate faculty in a selected systems engineering topic. May be repeated for a maximum of six credits. (Requirement: Thesis adviser approval.)

#### STATISTICS

Total number of active courses in BANNER	1,714	AVF	1	Topics/Special Topics/Advanced Topics	20
Total number of courses showing repeatable copy:	49	CIS	1	Research	13
Undergraduate courses:	9	CRM	1	Seminar	09
Graduate courses:	40	CVE	1	Independent Study	04
		CSE	19	Practicum	02
		ECE	1	Directed Reading	01
		ENS	2		
		OCE	1		
		OCN	1		
		ORP	1		
		PSF	2		
		PSY	16		
		SWE	1		
		SYS	1		