

5-11-1989

Curricular Report no. 1988-89-6 from the Graduate Council to the Faculty Senate

University of Rhode Island Faculty Senate

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THE UNIVERSITY OF RHODE ISLAND
Kingston, Rhode Island

FACULTY SENATE
BILL

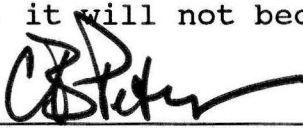
Adopted by the Faculty Senate

TO: President Edward D. Eddy

FROM: Chairperson of the Faculty Senate

1. The attached BILL, titled Curricular Report No. 1988-89-6 from the Graduate Council to the Faculty Senate, is forwarded for your consideration.
2. The original and two copies for your use are included.
3. This BILL was adopted by vote of the Faculty Senate on May 11, 1989 .
(date)
4. After considering this bill, will you please indicate your approval or disapproval. Return the original or forward it to the Board of Governors, completing the appropriate endorsement below.
5. In accordance with Section 10, paragraph 4 of the Senate's By- Laws, this bill will become effective June 1, 1989, three weeks after Senate approval, unless: (1) specific dates for implementation are written into the bill; (2) you return it disapproved; (3) you forward it to the Board of Governors for their approval; or (4) the University Faculty petitions for a referendum. If the bill is forwarded to the Board of Governors, it will not become effective until approved by the Board.

May 12, 1989
(date)



C. B. Peters
Chairperson of the Faculty Senate

ENDORSEMENT


TO: Chairperson of the Faculty Senate

FROM: President of the University

Returned.

- a. Approved .
- b. Approved subject to final approval by Board of Governors _____.
- c. Disapproved _____.

9/5/89
(date)



President

University of Rhode Island
The Graduate School

CURRICULAR REPORT FROM THE GRADUATE COUNCIL TO THE FACULTY SENATE
REPORT NO. 1988-89-6

At its Meeting No. 274 held on April 21, 1989 the Graduate Council considered and approved the following curricular matters which are now submitted to the Faculty Senate for information or confirmation as indicated.

I. Matters of Information.

A. College of Engineering

1. Department of Civil and Environmental Engineering
a. Temporary Course

CVE 667X Probabilistic Methods in Structural Engineering
I or II,3

Probabilistic applications in structural analysis and design. Statistical models for forces and material strengths. Component and system structural reliability. Random vibration applications in structural engineering. (Lec 3) Pre: CVE 565, MTH 451 or equivalent or consent of instructor. Tsiatas

B. College of Arts and Sciences

1. Department of Chemistry
a. Temporary Courses

CHM 513X Data Acquisition and Processing for Chemical Analysis I
I,3

Interfacing computers. Software development for acquiring, converting and processing transducer signals for analytical analysis. Algorithms for statistical analysis, display and presentation of results will be covered. (Lec 3) Pre: Graduate standing or permission of instructor. Brown/Force

CHM 514X Data Acquisition and Processing for Chemical Analysis II
II,3

Interfacing microprocessor controlled instruments to computers. Software development for acquiring, transferring and processing extensive data sets. Telecommunications and major commercial processing software for data analysis will be considered. (Lec 3) Pre: CHM 513X. Brown/Force

II. Matters Requiring Confirmation by the Faculty Senate.

- A. In accordance with Section 8.81.62 of the University Manual - deletion of the following courses:
AVS 501, AVS 502, AVS 510, AVS 542; BED 526, BED 528,
BOT 538, BOT 559, BOT 640; CHE 575, CHE 581, CHE 582,
CHE 585, CHE 649; CHM 622, CHM 628; CPL 547; CVE 678,
CVE 685; EDC 527, EDC 913; EHS 562, EHS 563; ELE 514,
ELE 535, ELE 575, ELE 631, ELE 632; FIN 685, FIN 686;
FMT 515; FSN 505, FSN 521, FSN 531, FSN 575; GEL 527,
GEL 566; GER 901, GER 902; HED 531; HSS 620; INS 685;
LSC 516, LSC 527; MCE 582; NUR 657; OCE 653, OCE 654,
OCE 685; PED 540, PED 543; PHL 562; PHP 532, PHP 625,
PHP 626; PHY 550, PHY 585; PSC 510; PSY 682; SPE 599;
~~PHD 501, PHD 502, PHD 503, PHD 504, PHD 505, PHD 506, PHD 507, PHD 508, PHD 509, PHD 510, PHD 511, PHD 512, PHD 513, PHD 514, PHD 515, PHD 516, PHD 517, PHD 518, PHD 519, PHD 520, PHD 521, PHD 522, PHD 523, PHD 524, PHD 525, PHD 526, PHD 527, PHD 528, PHD 529, PHD 530, PHD 531, PHD 532, PHD 533, PHD 534, PHD 535, PHD 536, PHD 537, PHD 538, PHD 539, PHD 540, PHD 541, PHD 542, PHD 543, PHD 544, PHD 545, PHD 546, PHD 547, PHD 548, PHD 549, PHD 550, PHD 551, PHD 552, PHD 553, PHD 554, PHD 555, PHD 556, PHD 557, PHD 558, PHD 559, PHD 560, PHD 561, PHD 562, PHD 563, PHD 564, PHD 565, PHD 566, PHD 567, PHD 568, PHD 569, PHD 570, PHD 571, PHD 572, PHD 573, PHD 574, PHD 575, PHD 576, PHD 577, PHD 578, PHD 579, PHD 580, PHD 581, PHD 582, PHD 583, PHD 584, PHD 585, PHD 586, PHD 587, PHD 588, PHD 589, PHD 590, PHD 591, PHD 592, PHD 593, PHD 594, PHD 595, PHD 596, PHD 597, PHD 598, PHD 599, PHD 600, PHD 601, PHD 602, PHD 603, PHD 604, PHD 605, PHD 606, PHD 607, PHD 608, PHD 609, PHD 610, PHD 611, PHD 612, PHD 613, PHD 614, PHD 615, PHD 616, PHD 617, PHD 618, PHD 619, PHD 620, PHD 621, PHD 622, PHD 623, PHD 624, PHD 625, PHD 626, PHD 627, PHD 628, PHD 629, PHD 630, PHD 631, PHD 632, PHD 633, PHD 634, PHD 635, PHD 636, PHD 637, PHD 638, PHD 639, PHD 640, PHD 641, PHD 642, PHD 643, PHD 644, PHD 645, PHD 646, PHD 647, PHD 648, PHD 649, PHD 650, PHD 651, PHD 652, PHD 653, PHD 654, PHD 655, PHD 656, PHD 657, PHD 658, PHD 659, PHD 660, PHD 661, PHD 662, PHD 663, PHD 664, PHD 665, PHD 666, PHD 667, PHD 668, PHD 669, PHD 670, PHD 671, PHD 672, PHD 673, PHD 674, PHD 675, PHD 676, PHD 677, PHD 678, PHD 679, PHD 680, PHD 681, PHD 682, PHD 683, PHD 684, PHD 685, PHD 686, PHD 687, PHD 688, PHD 689, PHD 690, PHD 691, PHD 692, PHD 693, PHD 694, PHD 695, PHD 696, PHD 697, PHD 698, PHD 699, PHD 700, PHD 701, PHD 702, PHD 703, PHD 704, PHD 705, PHD 706, PHD 707, PHD 708, PHD 709, PHD 710, PHD 711, PHD 712, PHD 713, PHD 714, PHD 715, PHD 716, PHD 717, PHD 718, PHD 719, PHD 720, PHD 721, PHD 722, PHD 723, PHD 724, PHD 725, PHD 726, PHD 727, PHD 728, PHD 729, PHD 730, PHD 731, PHD 732, PHD 733, PHD 734, PHD 735, PHD 736, PHD 737, PHD 738, PHD 739, PHD 740, PHD 741, PHD 742, PHD 743, PHD 744, PHD 745, PHD 746, PHD 747, PHD 748, PHD 749, PHD 750, PHD 751, PHD 752, PHD 753, PHD 754, PHD 755, PHD 756, PHD 757, PHD 758, PHD 759, PHD 760, PHD 761, PHD 762, PHD 763, PHD 764, PHD 765, PHD 766, PHD 767, PHD 768, PHD 769, PHD 770, PHD 771, PHD 772, PHD 773, PHD 774, PHD 775, PHD 776, PHD 777, PHD 778, PHD 779, PHD 780, PHD 781, PHD 782, PHD 783, PHD 784, PHD 785, PHD 786, PHD 787, PHD 788, PHD 789, PHD 790, PHD 791, PHD 792, PHD 793, PHD 794, PHD 795, PHD 796, PHD 797, PHD 798, PHD 799, PHD 800, PHD 801, PHD 802, PHD 803, PHD 804, PHD 805, PHD 806, PHD 807, PHD 808, PHD 809, PHD 810, PHD 811, PHD 812, PHD 813, PHD 814, PHD 815, PHD 816, PHD 817, PHD 818, PHD 819, PHD 820, PHD 821, PHD 822, PHD 823, PHD 824, PHD 825, PHD 826, PHD 827, PHD 828, PHD 829, PHD 830, PHD 831, PHD 832, PHD 833, PHD 834, PHD 835, PHD 836, PHD 837, PHD 838, PHD 839, PHD 840, PHD 841, PHD 842, PHD 843, PHD 844, PHD 845, PHD 846, PHD 847, PHD 848, PHD 849, PHD 850, PHD 851, PHD 852, PHD 853, PHD 854, PHD 855, PHD 856, PHD 857, PHD 858, PHD 859, PHD 860, PHD 861, PHD 862, PHD 863, PHD 864, PHD 865, PHD 866, PHD 867, PHD 868, PHD 869, PHD 870, PHD 871, PHD 872, PHD 873, PHD 874, PHD 875, PHD 876, PHD 877, PHD 878, PHD 879, PHD 880, PHD 881, PHD 882, PHD 883, PHD 884, PHD 885, PHD 886, PHD 887, PHD 888, PHD 889, PHD 890, PHD 891, PHD 892, PHD 893, PHD 894, PHD 895, PHD 896, PHD 897, PHD 898, PHD 899, PHD 900, PHD 901, PHD 902, PHD 903, PHD 904, PHD 905, PHD 906, PHD 907, PHD 908, PHD 909, PHD 910, PHD 911, PHD 912, PHD 913, PHD 914, PHD 915, PHD 916, PHD 917, PHD 918, PHD 919, PHD 920, PHD 921, PHD 922, PHD 923, PHD 924, PHD 925, PHD 926, PHD 927, PHD 928, PHD 929, PHD 930, PHD 931, PHD 932, PHD 933, PHD 934, PHD 935, PHD 936, PHD 937, PHD 938, PHD 939, PHD 940, PHD 941, PHD 942, PHD 943, PHD 944, PHD 945, PHD 946, PHD 947, PHD 948, PHD 949, PHD 950, PHD 951, PHD 952, PHD 953, PHD 954, PHD 955, PHD 956, PHD 957, PHD 958, PHD 959, PHD 960, PHD 961, PHD 962, PHD 963, PHD 964, PHD 965, PHD 966, PHD 967, PHD 968, PHD 969, PHD 970, PHD 971, PHD 972, PHD 973, PHD 974, PHD 975, PHD 976, PHD 977, PHD 978, PHD 979, PHD 980, PHD 981, PHD 982, PHD 983, PHD 984, PHD 985, PHD 986, PHD 987, PHD 988, PHD 989, PHD 990, PHD 991, PHD 992, PHD 993, PHD 994, PHD 995, PHD 996, PHD 997, PHD 998, PHD 999, PHD 1000~~
ZOO 510, ZOO 554, ZOO 569.

B. College of Pharmacy

1. Department of Pharmacy Practice

a. Add (New)

PHP 540 Principles, Methods, and Applications of Epidemiology
I,3

An introduction to epidemiology, the study of health and disease in populations. Epidemiologic methods and research design for conducting and interpreting health research. (Lec 3) Pre: EST 407 or permission of instructor. Willey

C. College of Human Science and Services

1. Department of Communicative Disorders

a. Change in degree requirements for M.S. and M.A. in Speech-Language Pathology and Audiology

Clinical practicum requirement changed from 300 to 350 clinical clock hours.

D. College of Arts and Sciences

1. Department of Botany

a. Deletion

BOT 593,594 Botanical Problems

b. Add (New)

BOT 593 Special Topics I and II, 1-3

Covers the following specialized areas of botany: (a) recent advances in mycology, (b) physiological ecology of marine macroalgal, (c) nutrient ecology of plants, and (d) ecology of fungi. May be repeated up to a maximum of 9 credits. Pre: Permission of instructor. Staff

E. College of Engineering

1. Departments of Civil and Environmental Engineering
and Ocean Engineering

a. Deletions

CVE 586 Physio-Chemical Properties of Soils
CVE 685 Seminar in Marine Geotechnique
CVE 686 Constitutive Laws for Geologic Materials

b. Add (New)

CVE 687 Geotechnical Earthquake Engineering I,3
Seismology and seismicity; surface faulting and ground motion characteristics; response spectra; dynamic soil properties; dynamic response of soil layers, embankments and slopes; influence of local soil conditions on site response; evaluation of design earthquakes; response analysis. (Lec 3) Pre: CVE 483. Kovacs/Tsiatas/Veyera

OCE/CVE 688 (OCE/CVE 589X) Marine Geomechanics I or II,3
Integrated study of marine geotechnics and marine geology. Topics include sedimentary processes, acoustic characteristics, slope stability, consolidation and stress history, engineering properties and other subjects related to seabed utilization. (Lec 3) Pre: CVE 381 or permission of instructor. Silva

OCE/CVE 689 Selected Topics in Geomechanics I or II, 3
Advanced topics in geotechnical engineering, including state-of-the art techniques, methods of analysis and design with applications to professional practice. Specific topic(s) will be selected based on student interest. (Lec 3) Pre: CVE 381 or equivalent. Kovacs/Silva/Veyera

c. Changes

CVE 581 Experimental Geomechanics - crosslisting, description and prerequisite to read:

CVE/OCE 581 Experimental Geomechanics I or II,3
Advanced methods and techniques of geotechnical testing. Behavior of granular and cohesive soils with determination of engineering properties. Interpretation, evaluation and engineering applications of test data. Emphasis on shearing strength, consolidation, bearing capacity, earth pressures, seepage and slope stability. (Lec 2, Lab 3) Pre: CVE 381 or equivalent. Kovacs, Silva, Veyera

OCE 587 Submarine Soil Mechanics - number, crosslisting, title, description to read:

OCE/CVE 582(OCE 587) Seabed Geotechnics I or II,3
Geotechnical Engineering principles as applied to submarine slope stability, bearing capacity, anchoring; with emphasis on effective stress principle, compressibility and shear strength of marine sediments. (Lec 3) Pre: CVE 381 or equivalent. Silva

CVE 583 Advanced Foundation Engineering - crosslisting, semester, description, and prerequisite to read:

CVE/OCE 583 Advanced Foundation Engineering I or II,3 Applications of soil mechanics principles to analysis and design of pile foundations, drilled piers, flexible retaining structures, braced excavations, cofferdams, miscellaneous advanced foundation problems. (Lec 3) Pre: CVE 381 or equivalent. Kovacs, Silva, Veyera

CVE 585 Soil Dynamics - semester, prerequisite to read:

CVE 585 Soil Dynamics I or II,3 Vibration characteristics, wave propagation in soils, foundation vibration theory, foundation design for vibrating loads, vibration isolation, blast vibrations, dynamic soil properties, liquefaction potential, vibratory and dynamic compaction, computer implementation. (Lec 3) Pre: CVE 483 or equivalent. Kovacs, Veyera

CVE 681 Advanced Soil Mechanics I - title, semester, description to read:

CVE 681 Advanced Geotechnical Engineering I I or II,3 Advanced study of geotechnical principles and theory. Physical and chemical properties of soils; particulate mechanics; effective stress principle; permeability; steady state and transient seepage; consolidation; stress distribution; miscellaneous topics. (Lec 3) Pre: CVE 381 or equivalent and permission of instructor. Kovacs, Silva, Veyera

CVE 682 Advanced Soil Mechanics II - title, semester, description to read:

CVE 682 Advanced Geotechnical Engineering II I or II,3 Advanced study of geotechnical engineering principles and theory. Stress-strain behavior; constitutive relationships; failure theories; applications of theories of elasticity, viscoelasticity and plasticity; shear strength of sands; shear strength of clays; slope stability analysis; miscellaneous topics. (Lec 3) Pre: CVE 381 or equivalent and permission of instructor. Kovacs, Silva, Veyera

2. Departments of Ocean Engineering and Mechanical Engineering and Applied Mechanics

a. Change

OCE/MCE 540 Environmental Control in Ocean Engineering - title to read:

OCE/MCE 540 Underwater Life Support