



IIT UGSC agenda item - Minor updates to BS in AI (adding options to elective lists)

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Date Thu 22-Jan-26 5:38 AM

To Kathiravan Krishnamurthy <kkrishn2@illinoistech.edu>; Fred Weening <fweening@illinoistech.edu>

Please add this item to the 1/27 agenda. The updates will be done in program management in CIM before then.

Minor updates to BS in AI (adding options to elective lists)

Programming Paradigms Elective (choose one)

Current: CS 340

New: CS 340 or CS 440 or CS 445

Data Mining or Machine Learning Elective (choose one)

Current: CS 422 or CS 584

New: CS 422 or CS 484 or CS 584

Artificial Intelligence Language Understanding Elective (choose one)

Current: CS 481

New: CS 481 or CS 585

Artificial Intelligence Depth Elective (choose one)

Current: CS 512 or CS 522 or CS 578 or CS 583 or CS 584 or ECE 442 or MATH 569 or MATH 574

New: CS 512 or CS 522 or CS 577 or CS 578 or CS 581 or CS 583 or CS 584 or CS 585 or ECE 442 or MATH 569 or MATH 574

Artificial Intelligence Breadth Elective (choose one)

Current: COM 301 or PHIL 326 or PSYC 423 or PSYC 426

New: COM 301 or PHIL 326 or PHIL 381 or PHIL 382 or PHYS 407 or PSYC 423 or PSYC 426

Artificial Intelligence Technical Electives (choose three)

Current: CS 350, CS 351, CS 422, CS 429, CS 451, CS 458, Any CS 500-level CS course, MATH 252, MATH 350, MATH 400, MATH 402, MATH 481, MATH 483, MATH 484, MATH 487

New: CS 350, CS 351, CS 422, CS 429, CS 451, CS 458, Any CS 500-level CS course, MATH 252, MATH 350, MATH 400, MATH 402, MATH 481, MATH 483, MATH 484, MATH 487, DS 451, DS 480

Science Requirement (8 credit hours)

Current: Two semester sequence in BIOL with labs or PHYS with labs

New: Two semester sequence in BIOL with labs or CHEM with labs or PHYS with labs

AI Mathematics Elective (choose one)

Current: MATH 476 or MATH 486

New: MATH 476 or MATH 481 or MATH 484 or MATH 486