

Cognitive Science Major Classes - Fall 2020

- KEY: track requirement
 one option of track requirement
 elective for track

**only students who are double majoring with another LSA major may be able to count CogSci courses toward their distribution. Please consult an advisor with questions.
 ***only required prerequisites are listed in this column, please consult the course guide for advisory prerequisites

| COURSE INFORMATION | | | | TRACK LIST | | | | | LSA REQS | DISTRIBUTION** | TIME | NOTES*** |
|--------------------|-----|---------|---|------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------|----------------|---|---|
| SUBJECT | # | SEC | TITLE | CRD | COMP | DEC | LANG | PHIL | | | | |
| CMLXSYS | 270 | 001 | Agent-Based Modeling | 3 | <input type="radio"/> | <input type="radio"/> | | | | | MW 10:00AM - 11:30AM | *online* |
| CMLXSYS | 501 | 001 | Introduction to Complex Systems | 3 | <input type="radio"/> | <input type="radio"/> | | | Non-LSA crd | | TTH 2:30-4PM | *online* |
| CMLXSYS | 511 | 001 | Theory of Complex Systems | 3 | <input type="radio"/> | <input type="radio"/> | | | BS | | MW 2:30PM - 4:00PM | *online* |
| COGSCI | 209 | MULT | Language and the Human Mind | 4 | <input type="radio"/> | | <input checked="" type="checkbox"/> | <input type="radio"/> | | ID | Asynch LEC/Synch DIS, times vary | *online*, cross-listed with LING 209/PSYCH 242 |
| COGSCI | 301 | 001 | Topics: CogSci and Psychopathology | 3 | | <input type="radio"/> | | <input type="radio"/> | | | MW 11:30AM - 1:00PM | *online* |
| COGSCI | 445 | 001 | Machine Learning for NLP | 3 | <input checked="" type="checkbox"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | | TTH 1-2:30pm | *online*, cross-listed w/LING 445, prereq - EECS 281 |
| COGSCI | 497 | n/a | Directed Research for Cognitive Science | 1-3 | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | | | |
| COGSCI | 498 | n/a | Independent Study for Cognitive Science | 1-3 | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | | | |
| COGSCI | 499 | n/a | Senior Honors Resesarch for Cog Sci | 1-3 | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | | | |
| ECON | 398 | 001-003 | Strategy | 4 | <input type="radio"/> | <input type="radio"/> | | | BS | SS | TuTh 8:30AM - 10:00AM | *LEC online* *DIS hybrid*, prereq - ECON 101 (C or better) |
| ECON | 490 | 001 | MicroEcon Topics: Ethics in Econ Behav | 3 | | <input type="radio"/> | | | ULWR | | TuTh 1:00PM - 2:30PM Mixed Asynch/Synch (Check with profressor) | *online*, prereq - ECON 401 (C- or better) |
| EECS | 281 | 001-005 | Data Structures and Algorithms | 4 | <input checked="" type="checkbox"/> | | | | BS | | multiple times | *online*, prereq - EECS 280 and EECS 203 or MATH 465 or 565 (C or better) |
| EECS | 376 | 001-004 | Foundations of Computer Science | 4 | <input type="radio"/> | | | | BS | | multiple times | *online*, prereq - EECS 280 and EECS 203 or MATH 465 or 565 (C or better) |
| EECS | 442 | 001 | Computer Vision | 4 | <input type="radio"/> | | | | BS | | MW 3:00PM - 4:30PM | *online*, prereq - EECS 281 (C or better) |
| EECS | 445 | 001-002 | Introduction to Machine Learning | 4 | <input checked="" type="checkbox"/> | <input type="radio"/> | | | BS | | multiple times | *online* prereq - EECS 281 and Math 214 or 217 or 296 or 417 or 419 (C or better) |
| EECS | 492 | 001 | Introduction to Artificial Intelligence | 4 | <input checked="" type="checkbox"/> | <input type="radio"/> | | | BS | | MW 3:00PM - 4:30PM | *online*, prereq - EECS 281 (C or better); please consult CogSci enrollment guide for enrollment details. |
| EECS | 498 | 007 | Special Topics: Deep Learning | 3-4 | <input type="radio"/> | | | | BS | | MW 4:30-6pm | *online* |
| EECS | 595 | 001 | Natural Language Processing | 3 | <input type="radio"/> | | <input type="radio"/> | | BS | | MW 1:30PM - 3:00PM | *online*, cross-listed with LING 541/SI 561 |
| IOE | 536 | 001 | Cognitive Ergonomics and Human Systems | 3 | <input type="radio"/> | <input type="radio"/> | | | BS, Non-LSA credit | | TTH 4:30-6pm | *online* |
| LING | 209 | MULT | Language and the Human Mind | 4 | <input type="radio"/> | | <input checked="" type="checkbox"/> | <input type="radio"/> | | ID | Asynch LEC/Synch DIS, times vary | *online*, cross-listed with COGSCI 209/PSYCH 242 |
| LING | 313 | 001 | Sound Patterns | 3 | | | <input checked="" type="checkbox"/> | <input type="radio"/> | ULWR | SS | MW 8:30AM - 10:00AM | *online* |
| LING | 315 | 001 | Introduction to Syntax | 3 | | | <input checked="" type="checkbox"/> | <input type="radio"/> | | | TuTh 10:00AM - 11:30AM | *online*, prereq - LING 111, 209, 210, or 212 |
| LING | 316 | 001 | Aspects of Meaning | 3 | | | <input checked="" type="checkbox"/> | <input type="radio"/> | | | TuTh 11:30AM - 1:00PM | *online* |
| LING | 347 | MULT | Talking Minds | 3 | <input type="radio"/> | | <input checked="" type="checkbox"/> | <input type="radio"/> | BS | | Asynch LEC/Synch DIS, times vary | *online*, cross-listed with PSYCH 349 |
| LING | 352 | 001 | Development of Language and Thought | 3 | | | <input type="radio"/> | | | SS | TuTh 10:00AM - 11:30AM | *online*, cross-listed with PSYCH 352 |
| LING | 412 | 001 | Speech Perception | 3 | | | <input type="radio"/> | | BS | | TuTh 2:30PM - 4:00PM | *hybrid*, prereq - LING 313 |
| LING | 426 | 001 | Philosophy & Linguistic Theory | 3 | | | <input checked="" type="checkbox"/> | <input type="radio"/> | | | TuTh 2:30PM - 4:00PM | *online*, Cross-listed with PHIL 426 |
| LING | 440 | 001 | Language Learnability | 3 | | | <input type="radio"/> | <input type="radio"/> | | | TuTh 1:00PM - 2:30PM | *online*, prereq - LING 315 |
| LING | 441 | 001 | Introduction to Computational Linguistics | 3 | <input type="radio"/> | | <input type="radio"/> | <input type="radio"/> | BS | | TuTh 4:00PM - 5:30PM | *online* |
| LING | 445 | 001 | Machine Learning for NLP | 3 | <input checked="" type="checkbox"/> | <input type="radio"/> | <input type="radio"/> | | | | TTH 1-2:30pm | *online*, cross-listed w/COGSCI 445, prereq - EECS 281 |
| LING | 492 | 001-002 | Topics: Intro to Neurolinguistics | 3 | | | <input type="radio"/> | <input type="radio"/> | | | TuTh 11:30AM - 1:00PM | *online* |
| LING | 497 | 001 | Capstone: Speech Perception | 3 | | | <input type="radio"/> | <input type="radio"/> | BS | | TuTh 2:30PM - 4:00PM | *hybrid*, prereq - LING 313 |
| LING | 541 | 001 | Natural Language Processing | 3 | <input type="radio"/> | | <input type="radio"/> | | BS | | MW 1:30PM - 3:00PM | *online*, cross-listed with EECS 595/SI 561 *LEC online* |
| MKT | 313 | 001-002 | Consumer Behavior | 3 | | <input type="radio"/> | | | Non-LSA crd | | MW11:30-1PM, 2:30-4PM | *hybrid*, please consult CogSci enrollment guide for enrollment instructions. |
| PHIL | 303 | 001-004 | Symbolic Logic | 4 | <input type="radio"/> | | | <input checked="" type="checkbox"/> | BS, QR/1 | | TuTh 10:00AM - 11:30AM | *LEC online* *DIS in-person* |
| PHIL | 340 | MULT | Minds and Machines | 4 | <input type="radio"/> | <input type="radio"/> | | <input checked="" type="checkbox"/> | | HU | MW 1:00PM - 2:30PM | *online* |
| PHIL | 345 | 001-003 | Language and Mind | 4 | | | <input checked="" type="checkbox"/> | <input type="radio"/> | | HU | MW 8:30AM - 10:00AM | *online*, prereq - one PHIL course (C- or better) |
| PHIL | 361 | 001-003 | Ethics | 4 | | <input checked="" type="checkbox"/> | | <input type="radio"/> | | HU | TuTh 12:00PM - 1:00PM | *online*, prereq - one PHIL course (C- or better) |
| PHIL | 426 | 001 | Philosophy & Linguistic Theory | 3 | | | <input checked="" type="checkbox"/> | <input type="radio"/> | | | TuTh 2:30PM - 4:00PM | *online*, cross-listed with LING 426 |
| PHIL | 443 | 001-003 | Foundations of Rational Choice Theory | 4 | <input type="radio"/> | <input checked="" type="checkbox"/> | <input type="radio"/> | <input type="radio"/> | | | MW 11:30AM - 1:00PM | *online* |
| PHIL | 482 | 001 | Philosophy of Mind | 3 | <input type="radio"/> | | <input type="radio"/> | <input checked="" type="checkbox"/> | | | TuTh 4:00PM - 5:30PM | *online* |
| POLSCI | 490 | MULT | Game Theory and Formal Models | 4 | | <input type="radio"/> | <input type="radio"/> | | | | MW 4:00PM - 5:30PM | *LEC online* DIS hybrid* |
| PPE | 300 | 001-003 | Introduction to Political Economy | 4 | | <input type="radio"/> | | | | ID | MW 2:00PM - 3:00PM | *online* |

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|-------|-----|---------|--------------------------------------|---|--|-------------------------------------|--|--|-------------|----|--|--|
| PSYCH | 240 | MULT | Introduction to Cognitive Psychology | 4 | <input checked="" type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> | BS | NS | multiple times Asynch LEC/Synch DIS | *online*, prereq - PSYCH 111, 112, 114, 115, or 116 |
| PSYCH | 242 | MULT | Language and the Human Mind | 4 | <input type="checkbox"/> | | <input checked="" type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> | | ID | MW 10:00AM - 11:30AM As | *online*, Cross-listed with COGSCI 209/LING 209 |
| PSYCH | 303 | MULT | Research Methods in Psychology | 3 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | BS, ULWR | | M 4:00PM - 5:30PM | *online*, prereq STATS 250, STATS 280, STATS 425, or MATH 425; and one of PSYCH 230, 240, 250, 260, 270, 280, or 290 |
| PSYCH | 314 | 001 | Positive Psychology | 3 | | <input type="checkbox"/> | | | | SS | MW 4:00PM - 5:30PM | *online*, prereq - PSYCH 111 or 112 or 114 |
| PSYCH | 346 | 001 | Learning and Memory | 3 | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> | BS | NS | TuTh 1:00PM - 2:30PM | *in-person*, prereq - PSYCH 240 or 345 |
| PSYCH | 347 | 001 | Perception | 3 | <input type="checkbox"/> | | | <input type="checkbox"/> | BS | NS | TuTh 1:00PM - 2:30PM | *online*, prereq - PSYCH 230, 240, or 345 |
| PSYCH | 349 | MULT | Talking Minds | 3 | <input type="checkbox"/> | | <input checked="" type="checkbox"/> <input type="checkbox"/> | | BS | | TuTh 9:00AM - 10:00AM As | *online*, cross-listed with LING 347 |
| PSYCH | 352 | 001 | Development of Language and Thought | 3 | | | <input type="checkbox"/> | | | SS | TuTh 10:00AM - 11:30AM | *online*, cross-listed with LING 352 |
| PSYCH | 355 | 001-002 | Cognitive Development | 3 | <input type="checkbox"/> | | | | BS | NS | multiple times | *online* |
| PSYCH | 360 | MULT | Behavior and Environment | 3 | | <input type="checkbox"/> | | | | SS | MW 1:00PM - 2:30PM | *online*, cross-listed with EAS 560/ ENVIRON 360/SW 710/ URP 544 |
| PSYCH | 449 | 001-003 | Decision Processes | 3 | | <input checked="" type="checkbox"/> | | | BS | | MW 11:30AM - 1:00PM | *online* |
| SI | 388 | 001 | Putting the H in HCI | 4 | <input type="checkbox"/> | <input type="checkbox"/> | | | Non-LSA crd | | MW 1:00PM - 3:00PM | *online*, please consult CogSci enrollment guide for enrollment instructions. |
| SI | 422 | 001-003 | Needs Assessment and Usability Eval | 3 | <input type="checkbox"/> | | | | | | W 8:30AM - 10:00AM | *hybrid*, please consult CogSci enrollment guide for enrollment instructions. |
| SI | 561 | 001 | Natural Language Processing | 3 | <input type="checkbox"/> | | <input type="checkbox"/> | | BS | | MW 1:30PM - 3:00PM | *online*, Cross-listed with EECS 595/LING 541 |

Check this list to see courses that have previously been approved to count for CogSci through the course petition process:

<http://myumi.ch/BoZY7>