<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
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<tbody>
<tr>
<td>800</td>
<td>Communication Programs and Evaluation</td>
<td><em>Communication audits, training and development, and focus groups as they apply to the evaluation of communication programs and institutions. Related topics include interviewing, questionnaire design, and formative evaluation.</em></td>
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<tr>
<td>801</td>
<td>Communication Research I</td>
<td><em>Communication research strategy and methodology. Scientific process. Derivation and test of hypotheses. Methods of research design.</em></td>
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<tr>
<td>820</td>
<td>Communication Theory and Process</td>
<td><em>Theoretical models of communication with emphasis on the applications of communication theory to various professional communication areas.</em></td>
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<tr>
<td>829</td>
<td>Cross-Cultural Communication</td>
<td><em>Problems in communicating across cultural boundaries. Role of communication in the economic, social, and political development of less developed countries.</em></td>
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<tr>
<td>855</td>
<td>Codes and Code Systems</td>
<td><em>Structure and function of verbal and nonverbal communication. Relationship between discourse and context. Generation of meaning through interaction.</em></td>
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<tr>
<td>860</td>
<td>Persuasion</td>
<td><em>Use of messages to gain compliance and effect social change. Persuasion and attitude change from classical theories to contemporary situations.</em></td>
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<tr>
<td>896</td>
<td>Independent Study</td>
<td><em>A student may earn a maximum of 9 credits in all enrollments for this course.</em></td>
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<tr>
<td>898</td>
<td>Master's Thesis Research</td>
<td><em>A student may earn a maximum of 14 credits in all enrollments for this course.</em></td>
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<tr>
<td>901</td>
<td>Communication Research Design I</td>
<td><em>One introductory research design or statistics course. Methods of data collection and analysis. Writing and critiquing research reports.</em></td>
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902. Communication Research Design II
Spring, 4(4-0).
P: COM 901. R: Open only to graduate students. Further study of methods of data collection and analysis. Writing and critiquing research reports.

915. Organizational Communication II
Spring of odd-numbered years. 3(3-0).
P: COM 815; COM 800 or COM 902. Organizational communication structure and information processing. The organization's embeddedness in a larger social environment.

921. Micro and Macro Media
Fall of odd-numbered years. 3(3-0).
P: COM 800 or COM 902. Perspectives on media processes pertaining to individuals, groups, and large-scale systems. Topics include cognitive processing of media, public opinion and affective responses to media.

922. Interpersonal Communication
Fall. 3(3-0).
P: COM 800 or COM 902. Theory and research in interpersonal communication. Role of communication in processes such as interpersonal influence and relationship development.

990. Independent Study
Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Open only to graduate students in Communication. Approval of department. Individualized study under faculty direction.

999. Doctoral Dissertation Research
Fall, Spring, Summer. 1 to 24 credits. A student may earn a maximum of 99 credits in all enrollments for this course. R: Open only to Ph.D. students in Communication.

COMPUTER SCIENCE

CPS

Department of Computer Science
College of Engineering

101. Computing Concepts and Competencies
Fall, Spring, Summer. 3(2-2).
Core concepts in computing including information storage, retrieval, management, and representation. Applications from specific disciplines. Applying core concepts to design and implement solutions to various focal problems, using hardware, multimedia software, communication and networks. SA: CPS 100, CPS 130

131. Introduction to Technical Computing
Fall, Spring, Summer. 4(3-2).

140. Operating Systems
Fall, Spring, 4(3-2).
P: CPS 330; CPS 320 or EE 331. R: Open only to Computer Science, Computer Engineering, Electrical Engineering, and LBS Computer Science majors.

148. Digital Logic and Sequential Machine Design
Fall, Spring.

149. Digital Logic and Sequential Machine Design
Fall, Spring.

Machine intelligence. Heuristic programming. Representation and control in LISP and PROLOG. Applications to search, rule-based diagnosis, and parsing.

499. Design of Intelligent Systems (W)
Spring. 4(2-4).
P: CPS 440; CPS 320 or EE 331. R: Open only to seniors or graduate students in a College of Engineering Computer Science major. Completion of Tier I writing requirement. Not open to students with credit in CPS 479 or CPS 478.

Intelligent system applications such as natural language, machine vision, or a diagnostic expert system. Team development, software engineering, project management.