

UNIVERSIDAD DE PUERTO RICO  
RECINTO UNIVERSITARIO DE MAYAGUEZ  
PROGRAMA GRADUADO DE INGENIERÍA ELÉCTRICA Y COMPUTADORAS/PROCESAMIENTO DIGITAL DE SEÑALES  
FACULTAD DE INGENIERÍA

| Código Curso | Título                                          | 2016-2017           |                     | 2017-2018           |                     | 2018-2019           |                     | 2019-2020           |                     | 2020-2021           |                     | 2021-2022           |                     | 2022-2023           |                     |
|--------------|-------------------------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|              |                                                 | 1 <sup>er</sup> Sem | 2 <sup>do</sup> Sem | 1 <sup>er</sup> Sem | 2 <sup>do</sup> Sem | 1 <sup>er</sup> Sem | 2 <sup>do</sup> Sem | 1 <sup>er</sup> Sem | 2 <sup>do</sup> Sem | 1 <sup>er</sup> Sem | 2 <sup>do</sup> Sem | 1 <sup>er</sup> Sem | 2 <sup>do</sup> Sem | 1 <sup>er</sup> Sem | 2 <sup>do</sup> Sem |
| INEL 5046    | PATTERN RECOGNITION                             | X                   |                     | X                   |                     | X                   |                     | X                   |                     |                     |                     |                     |                     |                     |                     |
| INEL 5309    | DIGITAL SIGNAL PROCESSING                       | X                   | X                   | X                   | X                   | X                   | X                   | X                   | X                   |                     |                     |                     |                     |                     |                     |
| INEL 5327    | IMAGE PROCESSING                                |                     | X                   |                     | X                   |                     | X                   |                     | X                   |                     |                     |                     |                     |                     |                     |
| INEL 6049    | MULTIDIMENSIONAL DIGITAL SIGNAL PROCESSING      |                     | X                   |                     | X                   |                     | X                   |                     | X                   |                     |                     |                     |                     |                     |                     |
| INEL 6007    | INTRODUCTION TO REMOTE SENSING                  | X                   |                     | X                   |                     | X                   |                     | X                   |                     |                     |                     |                     |                     |                     |                     |
| INEL 6050    | ADVANCED DIGITAL SIGNAL PROCESSING ALGORITHMS   |                     |                     |                     | X                   |                     | X                   |                     | X                   |                     |                     |                     |                     |                     |                     |
| INEL 6078    | ESTIMATION, DETECTION, AND STOCHASTIC PROCESSES | X                   |                     | X                   |                     | X                   |                     | X                   |                     |                     |                     |                     |                     |                     |                     |
| INEL 6076    | ADAPTIVE AND OPTIMAL SIGNAL PROCESSING          |                     | X                   |                     | X                   |                     | X                   |                     | X                   |                     |                     |                     |                     |                     |                     |
| INEL 8395    | ADVANCED TOPICS IN SIGNAL PROCESSING            | X                   |                     | X                   |                     | X                   |                     | X                   |                     |                     |                     |                     |                     |                     |                     |
| INEL 8396    | ADVANCED TOPICS IN COMMUNICATION SYSTEMS        |                     | X                   |                     | X                   |                     | X                   |                     | X                   |                     |                     |                     |                     |                     |                     |