

Biomedical Signal Processing

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About Course

Name: Biomedical Signal Processing (BSP)

Number of units: 3

Syllabus:

- Objectives and Contexts
- Electroencephalogram
- EEG Signal Processing
- Evoked Potentials
- Electromyogram
- Electrocardiogram
- ECG Signal Processing

Reference

- ❖ Bioelectrical Signal Processing in Cardiac and Neurological Applications-Sornmo-Elsevier Academic Press (2005)
- ❖ Practical Biomedical Signal Analysis Using MATLAB-Katarzyn-CRC (2011)
- ❖ Signal processing of random physiological signals-Lessard-Morgan & Claypool Publishers (2006)

