

University Requirements for Minors:

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Students must complete a minimum of 15 semester hours of work in a minor field, at least 9 of the 15 semester hours must be advanced, at least 6 of the 9 advanced semester hours must be taken in residence, and students must earn a 2.0 minimum cumulative grade point average on courses attempted in the minor at the University of Houston.

### Bioprocessing in Biomedical and Biopharmaceutical Sciences (15-16 SH)

Required courses:

- BTEC 2320 Biotechnology Regulatory Environment
- BTEC 2321 Current Good Manufacturing Practices
- BTEC 3320 Introduction to Quality Assurance/ Quality Control in Biotechnology

Choose 6-7 hours from from:

- BTEC 3301 Principles of Bioinformatics/Genomics/Proteomics
- BTEC 4301 Principles of Bioprocessing & BTEC 4101 Principles of Bioprocessing Lab
- BIOL 4319 Microbial Genetics
- NUTR 3320 Seminar in Nutrition Research
- NUTR 3335 Commercial Food Production
- TELS 3345 Human Resources in Technology
- TELS 4350 Industrial and Environmental Safety


### Bioinformatics in Biotechnology and Biomedical Sciences (15 SH)

Required Courses:

- BTEC 2322 Principles of Biotechnology
- BTEC 2320 Biotechnology Regulatory Environment
- BTEC 4344 Computer Applications in Training

Choose 6 hours from:

- BTEC 3301 Principles of Bioinformatics/Genomics/Proteomics
- BTEC 4300 Principles of Bioinformatics
- BCHS 4312 Modeling Biological Macromolecules
- TRDE 4340 Training Techniques for Supervisors
- TRDE 4351 Instructional Strategies and Design for Training and Development
- COSC or BCHS approved courses.



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