Enterprise Information Systems

Gain hands-on experience with software systems that are used by world’s best and largest companies. This minor combines business process management and information technology to prepare students for a career in technical as well as business consulting in the ERP domain. Students will study various areas of ERP implementation, configuration, business intelligence, security and supply chain management.

<table>
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<th>units required for minor:</th>
<th>units required for specialization:</th>
<th>minor code:</th>
<th>department:</th>
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<tr>
<td>16</td>
<td>12</td>
<td>EIS</td>
<td>ITP</td>
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Skills
» SAP
» Enterprise Resource Planning (ERP)
» Data warehouse
» Business intelligence
» Business process
» Risk assurance (GRC)
» Security and audit

Careers
» Consulting
» Business Analyst
» Financial Analyst
» ERP/SAP Analyst
» Supply Chain Analyst
» Process Analyst
» Accounting

Policies
» All minors at USC need 16 units that only meet minor requirements and do not meet any other major, minor, or GE requirement.
» All courses completed for your minor or specialization must be completed for a letter grade.
» You must earn a 2.0 minimum cumulative GPA in the courses completed for your minor or specialization.

Minor requirements
Core requirements (12 units):
- ITP-320 "Enterprise Information Systems" (4 units)
- ITP-422 "Configuring Enterprise Resource Planning Systems" (4 units) [prerequisite: ITP-320]
- ITP-487 "Enterprise Data Analytics" (4 units) [prerequisite: ITP-249 or ITP-320]

Electives (4 units):
- ITP-421 "Advanced Programming for Enterprise Information Systems" (3 units) [prerequisite: ITP-320]
- ITP-454 "Enterprise Resource Planning, Design, and Implementation" (3 units) [prerequisite: ITP-320]
- ITP-470 "Information Technology Practicum" (*1-4 units)
- ITP-486 "Securing and Auditing Enterprise Resource Planning Systems" (3 units) [prerequisite: ITP-320]
- ITP-488 "Managing Supply Chains with Advanced Planning & Optimization" (3 units) [prerequisite: ITP-320]
- ITP-489 "In-Memory Data Modeling and Analytics" (4 units) [prerequisite: ITP-249 or ITP-320]

Specialization requirements
Core requirement (4 units):
- ITP-320 "Enterprise Information Systems" (4 units)

Electives (8 units):
Two courses from the list of elective options above, including ITP-422 and ITP-487.
Make sure you consult with your major advisor about how best to incorporate the requirements for your minor with your major and general education requirements. You must complete a pre-advisement course plan before scheduling an appointment with a minor advisor.