# SLOPE/W Product Details

## SLOPE/W Purchasing Options

<table>
<thead>
<tr>
<th>GeoStudio</th>
<th>Max</th>
<th>Pro</th>
<th>Core</th>
<th>Flow</th>
<th>SLOPE/W</th>
<th>Basic</th>
<th>Student (Free)</th>
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Key: ● = Full edition (all features) ○ = Basic edition (limited features) ○ = Student edition (limited features)

## SLOPE/W Feature Comparison

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<tr>
<th>Feature</th>
<th>Full</th>
<th>Basic</th>
<th>Student</th>
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<tbody>
<tr>
<td>Number of multiple/staged analyses (within one file)</td>
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<td>2</td>
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<tr>
<td>Number of regions</td>
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<td>Number of materials</td>
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<td>Finite Element Integration</td>
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<td>Import regions from AutoCAD® DXF™ and DWG™ files</td>
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<td>Licensed for engineering consulting use</td>
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### Analysis Methods

- **Ordinary**: Yes
- **Bishop Simplified**: Yes
- **Janbu Simplified**: Yes
- **Morgenstern-Price**: Yes
- **Spencer**: Yes
- **SIGMA/W finite element stress**: Yes
- **QUAKE/W finite element stress**: Yes
- **QUAKE/W Newmark Deformation**: Yes
- **Corps of Engineers 1**: Yes
- **Corps of Engineers 2**: Yes
- **Lowe-Karafiath**: Yes
- **Janbu Generalized**: Yes
- **Sarma (Vertical Slice Only)**: Yes

### Advanced Features

- **Probabilistic analysis**: Yes
- **Sensitivity analysis**: Yes
- **Automatic inclusion of ponded water load**: Yes
- **Staged Rapid Drawdown**: Yes
- **Partial Factor analysis**: Yes
- **Staged Pseudo-static**: Yes
<table>
<thead>
<tr>
<th>Feature</th>
<th>Full</th>
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<th>Student</th>
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<td><strong>Soil Strength Models</strong></td>
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<tr>
<td>Mohr-Coulomb</td>
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<td>Spatial Mohr-Coulomb</td>
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<td>Bilinear</td>
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<td>S = f(depth)</td>
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<td>S = f(datum)</td>
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<td>Shear/Normal function</td>
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<tr>
<td>Combined, S = f(depth)</td>
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<tr>
<td>Combined, S = f(datum)</td>
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<td>Ru</td>
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