A subject description consists of four parts:

- Subject name (p. 4)
- Subject information (p. 4)
- Subject content (p. 5)
- Instructor(s) (p. 5)

**Examples:**

**11.003[J] Methods of Policy Analysis**

Same subject as 17.303[J]
Prereq: 11.002[J]; Coreq: 14.01
Acad Year 2021-2022: U (Spring)
Acad Year 2022-2023: Not offered
3-0-9 units. HASS-S

Provides students with an introduction to public policy analysis. Examines various approaches to policy analysis by considering the concepts, tools, and methods used in economics, political science, and other disciplines. Students apply and critique these approaches through case studies of current public policy problems.

**Staff**
The subject information section may include the following:

**Subject Information**
The subject name consists of its number and title.

<table>
<thead>
<tr>
<th>Subject Name</th>
<th>The subject name consists of its number and title.</th>
</tr>
</thead>
<tbody>
<tr>
<td>J</td>
<td>A &quot;J&quot; in brackets appears at the end of a subject number to indicate that it is jointly offered by or cross-listed with more than one department.</td>
</tr>
<tr>
<td>(New)</td>
<td>Follows the subject number and title to indicate a subject that is new in the current academic year.</td>
</tr>
<tr>
<td>(###,####)</td>
<td>If a subject has been renumbered, its former number appears after the title in parentheses.</td>
</tr>
</tbody>
</table>


*M. Birnbaum, C. Voigt*

**Prereq:** (Biology (GIR), Calculus II (GIR), Chemistry (GIR), and Physics I (GIR)) or permission of instructor  
U (Fall)  
5.0-7 units. REST

**20.110[J] Thermodynamics of Biomolecular Systems**  
Same subject as 2.772[J]  
Prereq: (Biology (GIR), Calculus II (GIR), Chemistry (GIR), and Physics I (GIR)) or permission of instructor  
U (Fall)  
5.0-7 units. REST


**M. Birnbaum, C. Voigt**
<table>
<thead>
<tr>
<th>SUBJECTS</th>
<th>HASS-H, etc.</th>
<th>Subjects that fulfill the HASS Requirement are designated HASS-H (Humanities), HASS-A (Arts), HASS-S (Social Sciences), or HASS-E (Elective).</th>
</tr>
</thead>
<tbody>
<tr>
<td>CI-H or CI-HW</td>
<td>Subjects fulfilling HASS component of the Communication Requirement are designated CI-H or CI-HW. See degree charts to identify communication-intensive subjects in each major (CI-M).</td>
<td></td>
</tr>
<tr>
<td>P/D/F</td>
<td>Appears to the right of the credit units if the subject is graded on a P, D, or F basis (where P means C or better performance).</td>
<td></td>
</tr>
<tr>
<td>Can be repeated for credit</td>
<td>Appears under the credit units if the subject can be taken more than once for academic credit.</td>
<td></td>
</tr>
<tr>
<td>Credit cannot also be received for</td>
<td>Indicates subjects whose content is substantively similar to the subject described. Interested students should take care to register for credit for only one of the subjects indicated.</td>
<td></td>
</tr>
</tbody>
</table>

**Subject Content**
If a description of the subject content is not given, the associated subject number under which the description can be found appears instead. Any subject open only to special groups is so noted at the end of its content description.

**Instructor(s)**
The name of the instructor(s) or department contact appears in italics at the end of the subject description.