# Course Catalog Web Service Operations

## Service Name: *SSR_COURSE*

Course Catalog Web Service offers functionality in the following areas:

- Course Catalog Search:

  This operation enables a student to

  - Browse the Campus Solutions Course Catalog.
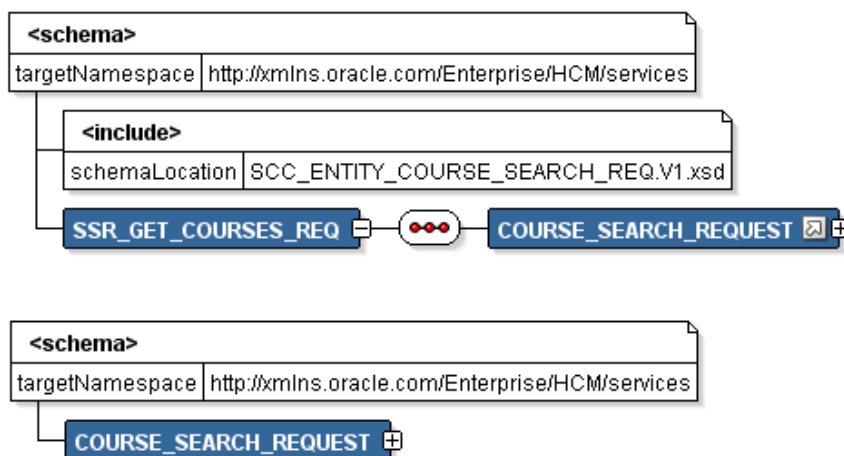  - View detail on individual Course Offerings.

## BROWSE Course Catalog

### Description

| Service: | SSR_COURSE |
|---|---|
| Operation: | SSR_GET_COURSES: Browse Course Catalog |
| Summary: | Allows the student to initiate searches against the Student Records Course Catalog using a number of criteria. Matching course results returned from this search can be further processed using other services such as Class Search. |
| Description: | The Browse Course Catalog service can be used to retrieve matches in one of two different modes, Subject Header or Course Detail.

When used in Subject Header mode the returned matches are summarized and only Subject header information is returned. This mode is useful when presenting results to a student in a hierarchical summary display. It also has the performance benefit of not returning complete course detail for all matching courses on the initial search.

When used in Course Detail mode the returned matches contain further course detail. Each match will include a full course summary. If further detailed information is required for a particular course then that information can be obtained via the Retrieve Course Offering Detail (SSR_GET_COURSE_OFFERING) service detailed in this document.

The values for SSR_CRS_SRCH_MODE parameter are 'H' and 'D' for subject header and course details modes respectively. |
| Users: | Student |

| Processing | This service operation performs the following steps:<br><br>1. Verify required input parameters exist<br>2. If no AS OF DATE is supplied then the current date is used as a default<br>3. Perform prompt edit validations on the input parameters<br>4. Use the CourseSearchResult entity and the input parameters to execute the course search<br>5. Prepare the response message containing the matching results |
|---|---|
| Output: | A list of zero or more matches is returned to the user. |
| Error Conditions: | The following conditions result in a service error:<br><br>• The supplied input parameters are invalid |

## Input

**Message**: SSR_GET_COURSES_REQ

The following diagram shows the input message structure that the SSR_GET_COURSES_REQ service operation receives from an Enrollment UI:



**Figure 5: SSR_GET_COURSES_REQ Message Structure**

The following input parameters are required for the Enrollment application to pass to the service operation:

- Institution          (INSTITUTION)*
- Search Character (SSR_ALPHANUM)
- Subject             (SUBJECT)
- Search Mode      (SSR_CRS_SRCH_MODE)
- As of Date         (ASOFDATE)

The parameters that are marked with an asterisk (*) are mandatory.
The following is an example of the SSR_GET_COURSES_REQ message that the SSR_GET_COURSES service operation receives from the UI:

```
<?xml version="1.0"?>
<SSR_GET_COURSES_REQ>
   <COURSE_SEARCH_REQUEST>
```

```
            <INSTITUTION>PSUNV</INSTITUTION>
            <SSR_ALPHANUM></SSR_ALPHANUM>
            <SUBJECT>STATS</SUBJECT>
            <SSR_CRS_SRCH_MODE>D</SSR_CRS_SRCH_MODE>
            <ASOFDATE>2011-05-27</ASOFDATE>
        </COURSE_SEARCH_REQUEST>
    </SSR_GET_COURSES_REQ>
```
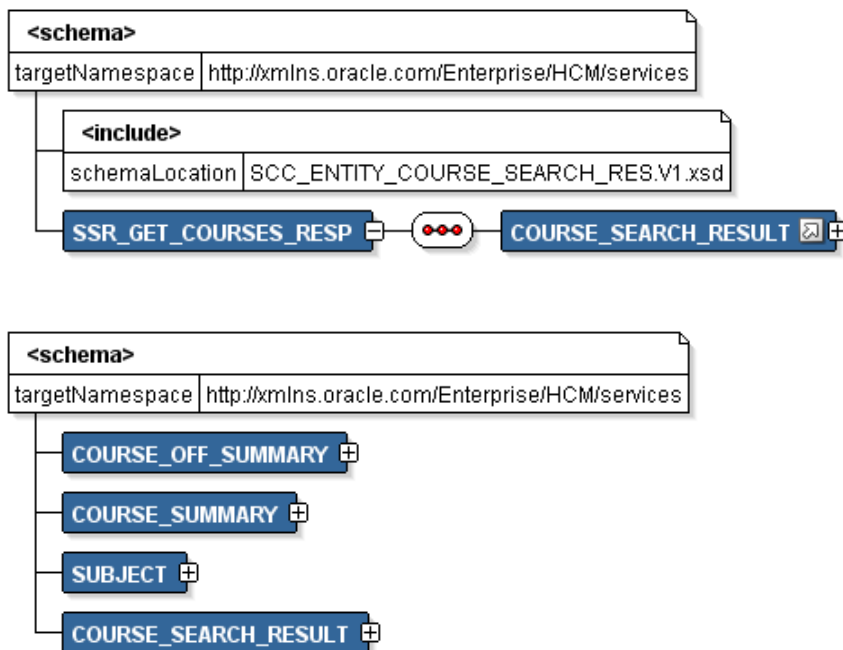
### Output Message: SSR_GET_COURSES_RESP

When the Integration Broker receives the SSR_GET_COURSES _REQ message, it responds with the SSR_GET_COURSES _RESP message.

The following diagram shows the output message structure that the SSR_GET_COURSES service operation passes to the UI:



**Figure 6: SSR_GET_COURSES_RESP Message Structure**

The following is an example of the SSR_GET_COURSES_RESP message that the SSR_GET_COURSES service operation transmits to the UI:

```xml
<?xml version="1.0"?>
<SSR_GET_COURSES_RESP>
    <COURSE_SEARCH_RESULT>
        <SSR_CRS_GEN_MSG/>
        <SSR_CRS_SRCH_COUNT>5</SSR_CRS_SRCH_COUNT>
        <SUBJECTS>
            <SUBJECT>
                <INSTITUTION>PSUNV</INSTITUTION>
                <INSTITUTION_LOVDescr>PeopleSoft University</INSTITUTION_LOVDescr>
                <SUBJECT>STATS</SUBJECT>
                <SUBJECT_LOVDescr>Statistics</SUBJECT_LOVDescr>
                <SUBJECT_CRS_COUNT>5</SUBJECT_CRS_COUNT>
                <COURSE_SUMMARIES>
                    <COURSE_SUMMARY>
```

```
            <CRSE_ID>001151</CRSE_ID>
            <CRSE_ID_LOVDescr>Introductory Statistics</CRSE_ID_LOVDescr>
            <EFFDT>1990-05-19</EFFDT>
            <CRSE_OFFER_NBR>1</CRSE_OFFER_NBR>
            <INSTITUTION>PSUNV</INSTITUTION>
            <INSTITUTION_LOVDescr>PeopleSoft University</INSTITUTION_LOVDescr>
            <SUBJECT>STATS</SUBJECT>
            <SUBJECT_LOVDescr>Statistics</SUBJECT_LOVDescr>
            <CATALOG_NBR>100</CATALOG_NBR>
            <COURSE_TITLE_LONG>Introductory Statistics</COURSE_TITLE_LONG>
            <SSR_CRSE_TYPOFF_CD/>
            <SSR_CRSE_TYPOFF_CD_LOVDescr/>
            <MSG_TEXT/>
            <MULTI_OFF>N</MULTI_OFF>
            <COURSE_OFF_SUMMARIES/>
        </COURSE_SUMMARY>
        <COURSE_SUMMARY>
            <CRSE_ID>667390</CRSE_ID>
            <CRSE_ID_LOVDescr>Statistical Analysis I</CRSE_ID_LOVDescr>
            <EFFDT>1900-01-01</EFFDT>
            <CRSE_OFFER_NBR>1</CRSE_OFFER_NBR>
            <INSTITUTION>PSUNV</INSTITUTION>
            <INSTITUTION_LOVDescr>PeopleSoft University</INSTITUTION_LOVDescr>
            <SUBJECT>STATS</SUBJECT>
            <SUBJECT_LOVDescr>Statistics</SUBJECT_LOVDescr>
            <CATALOG_NBR>101</CATALOG_NBR>
            <COURSE_TITLE_LONG>Statistical Analysis I</COURSE_TITLE_LONG>
            <SSR_CRSE_TYPOFF_CD/>
            <SSR_CRSE_TYPOFF_CD_LOVDescr/>
            <MSG_TEXT/>
            <MULTI_OFF>N</MULTI_OFF>
            <COURSE_OFF_SUMMARIES/>
        </COURSE_SUMMARY>
        <COURSE_SUMMARY>
            <CRSE_ID>001011</CRSE_ID>
            <CRSE_ID_LOVDescr>Applied Statistics</CRSE_ID_LOVDescr>
            <EFFDT>1980-01-07</EFFDT>
            <CRSE_OFFER_NBR>1</CRSE_OFFER_NBR>
            <INSTITUTION>PSUNV</INSTITUTION>
            <INSTITUTION_LOVDescr>PeopleSoft University</INSTITUTION_LOVDescr>
            <SUBJECT>STATS</SUBJECT>
            <SUBJECT_LOVDescr>Statistics</SUBJECT_LOVDescr>
            <CATALOG_NBR>115</CATALOG_NBR>
            <COURSE_TITLE_LONG>Applied Statistics</COURSE_TITLE_LONG>
            <SSR_CRSE_TYPOFF_CD/>
            <SSR_CRSE_TYPOFF_CD_LOVDescr/>
            <MSG_TEXT/>
            <MULTI_OFF>N</MULTI_OFF>
            <COURSE_OFF_SUMMARIES/>
        </COURSE_SUMMARY>
        <COURSE_SUMMARY>
            <CRSE_ID>001152</CRSE_ID>
            <CRSE_ID_LOVDescr>Statistics 200</CRSE_ID_LOVDescr>
            <EFFDT>1990-05-19</EFFDT>
            <CRSE_OFFER_NBR>1</CRSE_OFFER_NBR>
            <INSTITUTION>PSUNV</INSTITUTION>
            <INSTITUTION_LOVDescr>PeopleSoft University</INSTITUTION_LOVDescr>
            <SUBJECT>STATS</SUBJECT>
            <SUBJECT_LOVDescr>Statistics</SUBJECT_LOVDescr>
            <CATALOG_NBR>200</CATALOG_NBR>
            <COURSE_TITLE_LONG>Statistics 200</COURSE_TITLE_LONG>
            <SSR_CRSE_TYPOFF_CD/>
```

```
                    <SSR_CRSE_TYPOFF_CD_LOVDescr/>
                    <MSG_TEXT/>
                    <MULTI_OFF>N</MULTI_OFF>
                    <COURSE_OFF_SUMMARIES/>
                </COURSE_SUMMARY>
                <COURSE_SUMMARY>
                    <CRSE_ID>001153</CRSE_ID>
                    <CRSE_ID_LOVDescr>Statistics 300</CRSE_ID_LOVDescr>
                    <EFFDT>1995-05-19</EFFDT>
                    <CRSE_OFFER_NBR>1</CRSE_OFFER_NBR>
                    <INSTITUTION>PSUNV</INSTITUTION>
                    <INSTITUTION_LOVDescr>PeopleSoft University</INSTITUTION_LOVDescr>
                    <SUBJECT>STATS</SUBJECT>
                    <SUBJECT_LOVDescr>Statistics</SUBJECT_LOVDescr>
                    <CATALOG_NBR>300</CATALOG_NBR>
                    <COURSE_TITLE_LONG>Statistics 300</COURSE_TITLE_LONG>
                    <SSR_CRSE_TYPOFF_CD/>
                    <SSR_CRSE_TYPOFF_CD_LOVDescr/>
                    <MSG_TEXT/>
                    <MULTI_OFF>N</MULTI_OFF>
                    <COURSE_OFF_SUMMARIES/>
                </COURSE_SUMMARY>
            </COURSE_SUMMARIES>
        </SUBJECT>
      </SUBJECTS>
    </COURSE_SEARCH_RESULT>
</SSR_GET_COURSES_RESP>
```
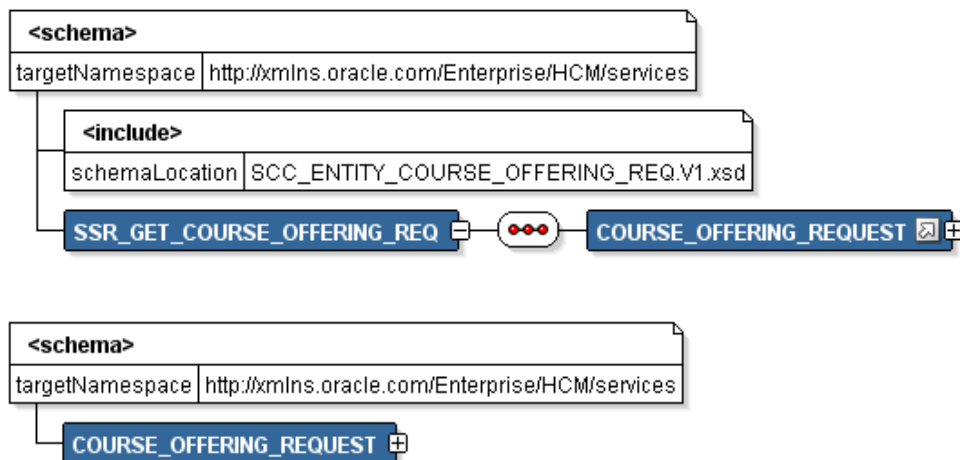
**Fault:** SCC_FAULT_RESP

Refer to the SCC_FAULT_RESP message example in the GET Studylist section.

## RETRIEVE Course Offering Detail

### Description

| Service: | SSR_COURSE |
| --- | --- |
| Operation: | SSR_GET_COURSE_OFFERING: Retrieve the detail for a Course Offering |
| Summary: | Allows the student to obtain detailed information associated with a Course. Course offering details returned from this service operation can be further processed using other services such as Class Search. |
| Description: | The SSR_GET_COURSE_OFFERING service operation can be used to get the Course offering details in the context of the Browse Course service operation (SSR_GET_COURSES). The Course ID and Offer Number from the Browse Course service operation is used for the request parameters for getting the Course Offering details for a selected Subject and Course combination.<br><br>The Operation returns the Course Details along with the Terns Offered for the particular Course. The user can then continue the Class Search for one of the Terms Offered. |
| Users: | Student |

| Processing: | This service operation performs the following steps: <br><br> 1. Verify required input parameters exist. <br> 2. If no AS OF DATE is supplied then the current date is used as a default <br> 3. Perform prompt edit validations on the input parameters. <br> 4. Use the CourseOfferingDetailResult entity and the input parameters to get the course offering details. <br> 5. Prepare the response message with the course offering details. |
|---|---|
| Output: | Course Details along with the Terns Offered for a particular Course. |
| Error Conditions: | The following condition results in an error from the service: <br><br> • The supplied input parameters are invalid |

### Input

**Message**: SSR_GET_COURSE_OFFERING_REQ

The following diagram shows the input message structure that the SSR_GET_COURSE_OFFERING service operation receives from the UI:



**Figure 7: SSR_GET_COURSE_OFFERING_REQ Message Structure**

The service operation accepts the following parameters:

- Institution          (INSTITUTION)*
- Course ID            (CRSE_ID)*
- Course Offer Number (CRSE_OFFER_NBR)*
- Course Topic ID  (CRS_TOPIC_ID)
- As of Date          (ASOFDATE)

The parameters marked with * are mandatory parameters.

The following is an example of the SSR_GET_COURSE_OFFERING_REQ message that the SSR_GET_COURSE_OFFERING service operation receives from UI:

```
<?xml version="1.0"?>
<SSR_GET_COURSE_OFFERING_REQ>
```

```
        <COURSE_OFFERING_REQUEST>
            <INSTITUTION>PSUNV</INSTITUTION>
            <CRSE_ID>003080</CRSE_ID>
            <CRSE_OFFER_NBR>2</CRSE_OFFER_NBR>
            <CRS_TOPIC_ID>0</CRS_TOPIC_ID>
            <ASOFDATE>2011-05-27</ASOFDATE>
        </COURSE_OFFERING_REQUEST>
    </SSR_GET_COURSE_OFFERING_REQ>
```
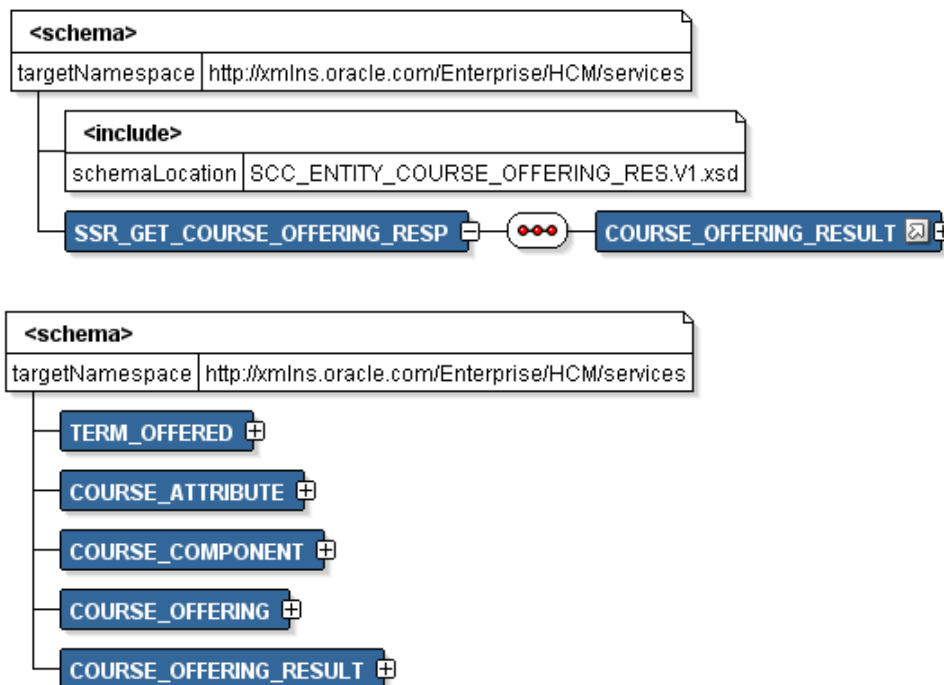
**Output Message:** SSR_GET_COURSE_OFFERING_RESP

When the Integration Broker receives the SSR_GET_COURSE_OFFERING_REQ message, it responds with the SSR_GET_COURSE_OFFERING_RESP message.

The following diagram shows the output message structure that the SSR_GET_COURSE_OFFERING service operation passes to the UI:



**Figure 8: SSR_GET_COURSE_OFFERING_RESP Message Structure**

The following is an example of the SSR_GET_COURSE_OFFERING_RESP message that the SSR_GET_COURSE_OFFERING service operation transmits to the UI:

```
<?xml version="1.0"?>
<SSR_GET_COURSE_OFFERING_RESP>
    <COURSE_OFFERING_RESULT>
        <SSR_TERMS_OFFERED_COUNT>4</SSR_TERMS_OFFERED_COUNT>
        <SSR_CRS_GEN_MSG>Course Offering Details</SSR_CRS_GEN_MSG>
        <COURSE_OFFERING>
            <CRSE_ID>003080</CRSE_ID>
            <CRSE_OFFER_NBR>2</CRSE_OFFER_NBR>
```

```xml
<INSTITUTION>PSUNV</INSTITUTION>
<INSTITUTION_LOVDescr>PeopleSoft University</INSTITUTION_LOVDescr>
<SUBJECT>SOC</SUBJECT>
<SUBJECT_LOVDescr>Sociology</SUBJECT_LOVDescr>
<CATALOG_NBR>601</CATALOG_NBR>
<RQRMNT_GROUP>008023</RQRMNT_GROUP>
<DESCRLONG/>
<COURSE_TITLE_LONG>Human Information Processing</COURSE_TITLE_LONG>
<UNITS_MINIMUM>3</UNITS_MINIMUM>
<UNITS_MAXIMUM>3</UNITS_MAXIMUM>
<GRADING_BASIS>GRD</GRADING_BASIS>
<GRADING_BASIS_LOVDescr>Graded</GRADING_BASIS_LOVDescr>
<CONSENT>N</CONSENT>
<CONSENT_LOVDescr>No Special Consent Required</CONSENT_LOVDescr>
<SSR_DROP_CONSENT>N</SSR_DROP_CONSENT>
<SSR_DROP_CONSENT_LOVDescr>No Special Consent
Required</SSR_DROP_CONSENT_LOVDescr>
<RQMNT_DESIGNTN/>
<RQMNT_DESIGNTN_LOVDescr/>
<ACAD_CAREER>GRAD</ACAD_CAREER>
<ACAD_CAREER_LOVDescr>Graduate</ACAD_CAREER_LOVDescr>
<SSR_CRSE_TYPOFF_CD>FALL</SSR_CRSE_TYPOFF_CD>
<SSR_CRSE_TYPOFF_CD_LOVDescr>Fall</SSR_CRSE_TYPOFF_CD_LOVDescr>
<ACAD_GROUP>LBART</ACAD_GROUP>
<ACAD_GROUP_LOVDescr>College of Liberal Arts</ACAD_GROUP_LOVDescr>
<ACAD_ORG>LIBARTS</ACAD_ORG>
<ACAD_ORG_LOVDescr>College of Liberal Arts</ACAD_ORG_LOVDescr>
<CAMPUS>MAIN</CAMPUS>
<CAMPUS_LOVDescr>Main Hacienda Campus</CAMPUS_LOVDescr>
<RQRMNT_GROUP_DESCR>Graduate Career</RQRMNT_GROUP_DESCR>
<CRSE_TOPIC_DESCR/>
<UNITS_RANGE>3.00</UNITS_RANGE>
<COURSE_COMPONENTS>
    <COURSE_COMPONENT>
        <CRSE_ID>003080</CRSE_ID>
        <CRSE_ID_LOVDescr>Humn Info Process</CRSE_ID_LOVDescr>
        <SSR_COMPONENT>LEC</SSR_COMPONENT>
        <SSR_COMPONENT_LOVDescr>Lecture</SSR_COMPONENT_LOVDescr>
        <OPTIONAL_SECTION>N</OPTIONAL_SECTION>
    </COURSE_COMPONENT>
</COURSE_COMPONENTS>
<COURSE_ATTRIBUTES/>
<TERMS_OFFERED>
    <TERM_OFFERED>
        <CRSE_ID>003080</CRSE_ID>
        <CRSE_OFFER_NBR>2</CRSE_OFFER_NBR>
        <INSTITUTION>PSUNV</INSTITUTION>
        <INSTITUTION_LOVDescr>PeopleSoft University</INSTITUTION_LOVDescr>
        <STRM>0690</STRM>
        <STRM_LOVDescr>2012 Fall</STRM_LOVDescr>
        <ACAD_CAREER>GRAD</ACAD_CAREER>
        <ACAD_CAREER_LOVDescr>Graduate</ACAD_CAREER_LOVDescr>
    </TERM_OFFERED>
    <TERM_OFFERED>
        <CRSE_ID>003080</CRSE_ID>
        <CRSE_OFFER_NBR>2</CRSE_OFFER_NBR>
        <INSTITUTION>PSUNV</INSTITUTION>
        <INSTITUTION_LOVDescr>PeopleSoft University</INSTITUTION_LOVDescr>
        <STRM>0640</STRM>
        <STRM_LOVDescr>2010 Spring</STRM_LOVDescr>
        <ACAD_CAREER>GRAD</ACAD_CAREER>
        <ACAD_CAREER_LOVDescr>Graduate</ACAD_CAREER_LOVDescr>
```

```
            </TERM_OFFERED>
            <TERM_OFFERED>
                <CRSE_ID>003080</CRSE_ID>
                <CRSE_OFFER_NBR>2</CRSE_OFFER_NBR>
                <INSTITUTION>PSUNV</INSTITUTION>
                <INSTITUTION_LOVDescr>PeopleSoft University</INSTITUTION_LOVDescr>
                <STRM>0670</STRM>
                <STRM_LOVDescr>2011 Fall</STRM_LOVDescr>
                <ACAD_CAREER>GRAD</ACAD_CAREER>
                <ACAD_CAREER_LOVDescr>Graduate</ACAD_CAREER_LOVDescr>
            </TERM_OFFERED>
            <TERM_OFFERED>
                <CRSE_ID>003080</CRSE_ID>
                <CRSE_OFFER_NBR>2</CRSE_OFFER_NBR>
                <INSTITUTION>PSUNV</INSTITUTION>
                <INSTITUTION_LOVDescr>PeopleSoft University</INSTITUTION_LOVDescr>
                <STRM>0650</STRM>
                <STRM_LOVDescr>2010 Fall</STRM_LOVDescr>
                <ACAD_CAREER>GRAD</ACAD_CAREER>
                <ACAD_CAREER_LOVDescr>Graduate</ACAD_CAREER_LOVDescr>
            </TERM_OFFERED>
          </TERMS_OFFERED>
        </COURSE_OFFERING>
      </COURSE_OFFERING_RESULT>
</SSR_GET_COURSE_OFFERING_RESP>
```

**Fault:** SCC_FAULT_RESP

Refer to the SCC_FAULT_RESP message example in the GET Studylist section.

# Class Search Web Service Operations

## Service Name: *SSR_CLASS*

The Class Search Web Service which offers functionality in the following areas:

- Class Search :

This operation enables a student to:

- Search for classes matching certain criteria.
- View detail on individual Class Sections.
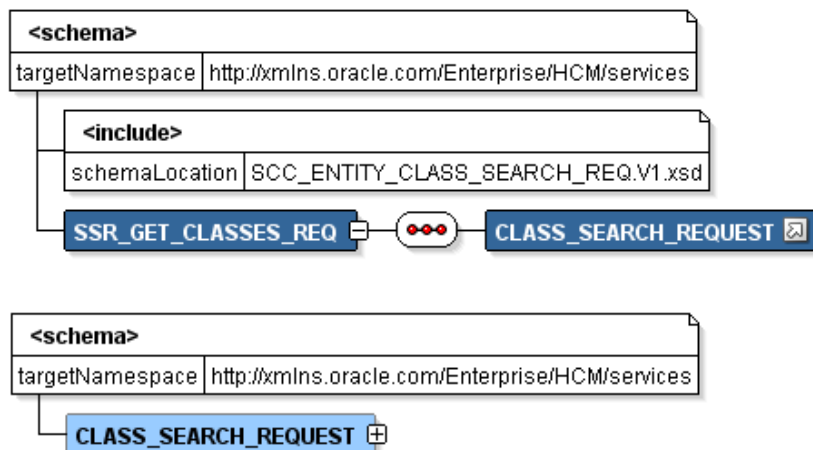
## *RETRIEVE Classes*

### Description

| | |
|---|---|
| Service: | SSR_CLASS |
| Operation: | SSR_GET_CLASSES: Retrieve Classes |
| Summary: | Allows the student to initiate a search of classes and view the search results. |
| Description: | The Class search service can be used to search for the classes based on the input search criteria specified by the user. The service operation also takes in additional search criteria as parameters as in the current SS. Along with the class search result, the response also includes the following:<br>SSR_COURSE_COUNT- Count of courses matching the search criteria.<br>SSR_CLASS_COUNT - Count of class section matching the search criteria.<br>SSR_ERR_LMT_EXCEED - Set to Y if search result exceeds error limit specified in the installation table<br>SSR_WRN_LMT_EXCEED - Set to Y if search result exceeds warning limit specified in the installation table and obey_warning_limit in the request payload is set to YES. |
| Users: | Student |
| Processing | This service operation performs the following steps:<br><br>1. Validates input parameters<br>2. Initiates the class search processing by invoking the appropriate classes under the SSR_CLASS application class<br>3. Prepare response message containing the class search results |
| Output: | A list of zero or more matches is returned to the user. |

| Error Conditions: | The following conditions result in a service error:<br><br>• The supplied input parameters are invalid<br>• The service operation obeys the Term values setup as defined in the Term Values table. So if the Term is set not to be available for self service users, then an error message is shown.<br>• The service operation obeys the Error/Warning limit as set in Student Record Installation set up. If the SSR_CLASS_COUNT is not within the error limit, then an error message is shown in the response.<br>• If it is not within the warning limit and the Obey Warning Limit in the request is Y, then a warning message is displayed in the response along with the class search results. It is up to the UI to either show or not show the class search results in case of warning. |
|---|---|

*Input*

**Message**: SSR_GET_CLASSES_REQ

The following diagram shows the SSR_GET_CLASSES_REQ message structure:



**Figure 9: SSR_GET_CLASSES_REQ Message Structure**

The service operation accepts the following parameters:

- INSTITUTION
- TERM
- SUBJECT
- CATALOG NBR
- COURSE CAREER
- CLASS NBR
- COURSE ID
- COURSE OFFERING NBR
- SESSION
- CLASS SECTION
- OPEN ONLY
- OPEN ENTRY/EXIT CLASSES ONLY
- COURSE TITLE KEYWORD
- COURSE COMPONENT
- INSTRUCTION MODE
- CAMPUS
- LOCATION
- MEETING START AND END TIME

- DAY OF WEEK
- INSTRUCTOR LAST NAME
- MAXIMUM AND MINIMUM UNITS
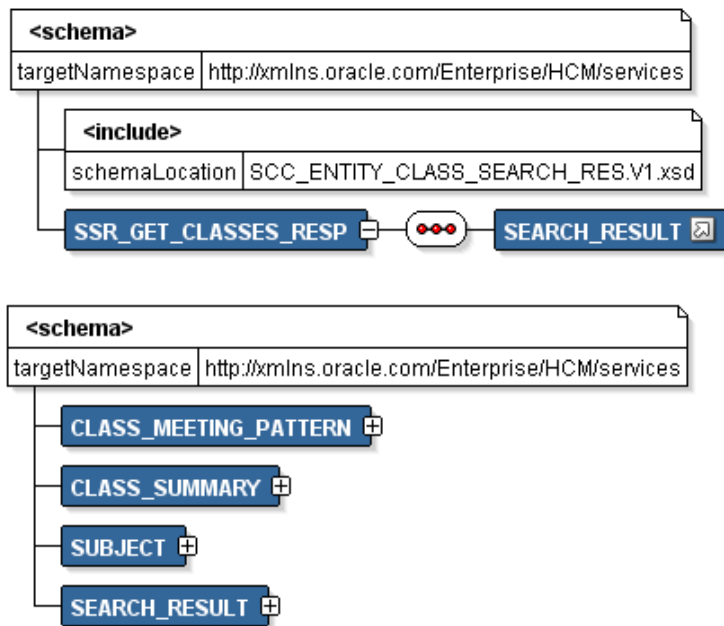- OBEY WARNING LIMITS

The following is an example of the SSR_GET_CLASSES_REQ message that the SSR_GET_CLASSES service operation receives from the UI:

```xml
<?xml version="1.0"?>
<SSR_GET_CLASSES_REQ xmlns = "http://xmlns.oracle.com/Enterprise/HCM/services">
    <CLASS_SEARCH_REQUEST>
        <INSTITUTION>PSUNV</INSTITUTION>
        <STRM>0430</STRM>
        <CLASS_NBR>0</CLASS_NBR>
        <CRSE_ID></CRSE_ID>
        <CRSE_OFFER_NBR>0</CRSE_OFFER_NBR>
        <SESSION_CODE></SESSION_CODE>
        <CLASS_SECTION></CLASS_SECTION>
        <SUBJECT>PSYCH</SUBJECT>
        <CATALOG_NBR>95</CATALOG_NBR>
        <SSR_EXACT_MATCH1>C</SSR_EXACT_MATCH1>
        <SSR_OPEN_ONLY>Y</SSR_OPEN_ONLY>
        <OEE_IND>N</OEE_IND>
        <DESCR></DESCR>
        <ACAD_CAREER></ACAD_CAREER>
        <SSR_COMPONENT></SSR_COMPONENT>
        <INSTRUCTION_MODE></INSTRUCTION_MODE>
        <CAMPUS></CAMPUS>
        <LOCATION></LOCATION>
        <MEETING_TIME_START></MEETING_TIME_START>
        <MEETING_TIME_END></MEETING_TIME_END>
        <MON>Y</MON>
        <TUES>N</TUES>
        <WED>N</WED>
        <THURS>N</THURS>
        <FRI>N</FRI>
        <SAT>N</SAT>
        <SUN>N</SUN>
        <INCLUDE_CLASS_DAYS>F</INCLUDE_CLASS_DAYS>
        <LAST_NAME></LAST_NAME>
        <SSR_EXACT_MATCH2></SSR_EXACT_MATCH2>
        <UNITS_MINIMUM>0</UNITS_MINIMUM>
        <UNITS_MAXIMUM>0</UNITS_MAXIMUM>
        <SSR_START_TIME_OPR></SSR_START_TIME_OPR>
        <SSR_END_TIME_OPR></SSR_END_TIME_OPR>
        <SSR_UNITS_MIN_OPR></SSR_UNITS_MIN_OPR>
        <SSR_UNITS_MAX_OPR></SSR_UNITS_MAX_OPR>
        <OBEY_WARNING_LIMIT>N</OBEY_WARNING_LIMIT>
    </CLASS_SEARCH_REQUEST>
</SSR_GET_CLASSES_REQ>
```

### Output Message: SSR_GET_CLASSES_RESP

When the Integration Broker receives the SSR_GET_CLASSES _REQ message, it responds with the SSR_GET_CLASSES _RESP message.

The following diagram shows the SSR_GET_CLASSES_RESP message structure:

**Figure 50: SSR_GET_CLASSES_RESP Message Structure**

The following is an example of the SSR_GET_CLASSES_RESP message that the SSR_GET_CLASSES service operation transmits to the UI:

```xml
<?xml version="1.0"?>
<SSR_GET_CLASSES_RESP xmlns = "http://xmlns.oracle.com/Enterprise/HCM/services">
  <SEARCH_RESULT>
    <ERROR_WARN_TEXT></ERROR_WARN_TEXT>
    <SSR_COURSE_COUNT>1</SSR_COURSE_COUNT>
    <SSR_ERR_LMT_EXCEED></SSR_ERR_LMT_EXCEED>
    <SSR_WRN_LMT_EXCEED></SSR_WRN_LMT_EXCEED>
    <SSR_CLASS_COUNT>9</SSR_CLASS_COUNT>
    <SUBJECTS>
      <SUBJECT>
        <CRSE_ID>007116</CRSE_ID>
        <CRSE_ID_LOVDescr>Psychology Special Topics</CRSE_ID_LOVDescr>
        <SUBJECT>PSYCH</SUBJECT>
        <SUBJECT_LOVDescr>Psychology</SUBJECT_LOVDescr>
        <CATALOG_NBR>495</CATALOG_NBR>
        <INSTITUTION>PSUNV</INSTITUTION>
        <INSTITUTION_LOVDescr>PeopleSoft University</INSTITUTION_LOVDescr>
        <ACAD_CAREER>UGRD</ACAD_CAREER>
        <ACAD_CAREER_LOVDescr>Undergraduate</ACAD_CAREER_LOVDescr>
        <COURSE_TITLE_LONG>Psychology Special Topics</COURSE_TITLE_LONG>
        <CLASSES_SUMMARY>
          <CLASS_SUMMARY>
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            <CRSE_ID_LOVDescr>Psychology Special Topics</CRSE_ID_LOVDescr>
            <SUBJECT>PSYCH</SUBJECT>
            <SUBJECT_LOVDescr>Psychology</SUBJECT_LOVDescr>
```

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      <CATALOG_NBR>495</CATALOG_NBR>
      <CRSE_OFFER_NBR>1</CRSE_OFFER_NBR>
      <STRM>0430</STRM>
      <STRM_LOVDescr>2001 Spring</STRM_LOVDescr>
      <SESSION_CODE>1</SESSION_CODE>
      <SESSION_CODE_LOVDescr>Regular Academic Session</SESSION_CODE_LOVDescr>
      <CLASS_SECTION>01A</CLASS_SECTION>
      <CLASS_NBR>1298</CLASS_NBR>
      <SCHEDULE_PRINT>Y</SCHEDULE_PRINT>
      <SCHEDULE_PRINT_LOVDescr>Yes</SCHEDULE_PRINT_LOVDescr>
      <COMBINED_SECTION></COMBINED_SECTION>
      <COMBINED_SECTION_LOVDescr></COMBINED_SECTION_LOVDescr>
      <CLASS_TOPIC></CLASS_TOPIC>
      <SSR_CLASSNAME_LONG></SSR_CLASSNAME_LONG>
      <STATUS>O</STATUS>
      <STATUS_LOVDescr>Open</STATUS_LOVDescr>
      <SSR_COMPONENT>LAB</SSR_COMPONENT>
      <SSR_COMPONENT_LOVDescr>Laboratory</SSR_COMPONENT_LOVDescr>
      <CLASSES_MEETING_PATTERNS>
        <CLASS_MEETING_PATTERN>
          <SSR_MTG_SCHED_LONG>Fr 8:00AM - 10:30AM</SSR_MTG_SCHED_LONG>
          <SSR_MTG_LOC_LONG>TBA</SSR_MTG_LOC_LONG>
          <SSR_INSTR_LONG>Mara Baylor</SSR_INSTR_LONG>
          <SSR_MTG_DT_LONG>01/05/2001 - 05/05/2001</SSR_MTG_DT_LONG>
          <SSR_TOPIC_LONG>TBA</SSR_TOPIC_LONG>
        </CLASS_MEETING_PATTERN>
      </CLASSES_MEETING_PATTERNS>
    </CLASS_SUMMARY>
    <CLASS_SUMMARY>
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      <CRSE_ID_LOVDescr>Psychology Special Topics</CRSE_ID_LOVDescr>
      <SUBJECT>PSYCH</SUBJECT>
      <SUBJECT_LOVDescr>Psychology</SUBJECT_LOVDescr>
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      <STRM>0430</STRM>
      <STRM_LOVDescr>2001 Spring</STRM_LOVDescr>
      <SESSION_CODE>1</SESSION_CODE>
      <SESSION_CODE_LOVDescr>Regular Academic Session</SESSION_CODE_LOVDescr>
      <CLASS_SECTION>04A</CLASS_SECTION>
      <CLASS_NBR>1362</CLASS_NBR>
      <SCHEDULE_PRINT>Y</SCHEDULE_PRINT>
      <SCHEDULE_PRINT_LOVDescr>Yes</SCHEDULE_PRINT_LOVDescr>
      <COMBINED_SECTION></COMBINED_SECTION>
      <COMBINED_SECTION_LOVDescr></COMBINED_SECTION_LOVDescr>
      <CLASS_TOPIC></CLASS_TOPIC>
      <SSR_CLASSNAME_LONG></SSR_CLASSNAME_LONG>
      <STATUS>O</STATUS>
      <STATUS_LOVDescr>Open</STATUS_LOVDescr>
      <SSR_COMPONENT>LAB</SSR_COMPONENT>
      <SSR_COMPONENT_LOVDescr>Laboratory</SSR_COMPONENT_LOVDescr>
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        <CLASS_MEETING_PATTERN>
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          <SSR_MTG_LOC_LONG>TBA</SSR_MTG_LOC_LONG>
          <SSR_INSTR_LONG>Staff</SSR_INSTR_LONG>
          <SSR_MTG_DT_LONG>01/16/2001 - 05/18/2001</SSR_MTG_DT_LONG>
          <SSR_TOPIC_LONG>TBA</SSR_TOPIC_LONG>
        </CLASS_MEETING_PATTERN>
      </CLASSES_MEETING_PATTERNS>
    </CLASS_SUMMARY>
```

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<CLASS_SUMMARY>
  <CRSE_ID>007116</CRSE_ID>
  <CRSE_ID_LOVDescr>Psychology Special Topics</CRSE_ID_LOVDescr>
  <SUBJECT>PSYCH</SUBJECT>
  <SUBJECT_LOVDescr>Psychology</SUBJECT_LOVDescr>
  <CATALOG_NBR>495</CATALOG_NBR>
  <CRSE_OFFER_NBR>1</CRSE_OFFER_NBR>
  <STRM>0430</STRM>
  <STRM_LOVDescr>2001 Spring</STRM_LOVDescr>
  <SESSION_CODE>1</SESSION_CODE>
  <SESSION_CODE_LOVDescr>Regular Academic Session</SESSION_CODE_LOVDescr>
  <CLASS_SECTION>05</CLASS_SECTION>
  <CLASS_NBR>1363</CLASS_NBR>
  <SCHEDULE_PRINT>Y</SCHEDULE_PRINT>
  <SCHEDULE_PRINT_LOVDescr>Yes</SCHEDULE_PRINT_LOVDescr>
  <COMBINED_SECTION></COMBINED_SECTION>
  <COMBINED_SECTION_LOVDescr></COMBINED_SECTION_LOVDescr>
  <CLASS_TOPIC></CLASS_TOPIC>
  <SSR_CLASSNAME_LONG></SSR_CLASSNAME_LONG>
  <STATUS>O</STATUS>
  <STATUS_LOVDescr>Open</STATUS_LOVDescr>
  <SSR_COMPONENT>LEC</SSR_COMPONENT>
  <SSR_COMPONENT_LOVDescr>Lecture</SSR_COMPONENT_LOVDescr>
  <CLASSES_MEETING_PATTERNS>
    <CLASS_MEETING_PATTERN>
      <SSR_MTG_SCHED_LONG>Tu 11:00AM - 1:30PM</SSR_MTG_SCHED_LONG>
      <SSR_MTG_LOC_LONG>King 103</SSR_MTG_LOC_LONG>
      <SSR_INSTR_LONG>Patricia Diaz</SSR_INSTR_LONG>
      <SSR_MTG_DT_LONG>01/16/2001 - 05/18/2001</SSR_MTG_DT_LONG>
      <SSR_TOPIC_LONG>TBA</SSR_TOPIC_LONG>
    </CLASS_MEETING_PATTERN>
  </CLASSES_MEETING_PATTERNS>
</CLASS_SUMMARY>
<CLASS_SUMMARY>
  <CRSE_ID>007116</CRSE_ID>
  <CRSE_ID_LOVDescr>Psychology Special Topics</CRSE_ID_LOVDescr>
  <SUBJECT>PSYCH</SUBJECT>
  <SUBJECT_LOVDescr>Psychology</SUBJECT_LOVDescr>
  <CATALOG_NBR>495</CATALOG_NBR>
  <CRSE_OFFER_NBR>1</CRSE_OFFER_NBR>
  <STRM>0430</STRM>
  <STRM_LOVDescr>2001 Spring</STRM_LOVDescr>
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  <SESSION_CODE_LOVDescr>Regular Academic Session</SESSION_CODE_LOVDescr>
  <CLASS_SECTION>05A</CLASS_SECTION>
  <CLASS_NBR>1364</CLASS_NBR>
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  <SCHEDULE_PRINT_LOVDescr>Yes</SCHEDULE_PRINT_LOVDescr>
  <COMBINED_SECTION></COMBINED_SECTION>
  <COMBINED_SECTION_LOVDescr></COMBINED_SECTION_LOVDescr>
  <CLASS_TOPIC></CLASS_TOPIC>
  <SSR_CLASSNAME_LONG></SSR_CLASSNAME_LONG>
  <STATUS>O</STATUS>
  <STATUS_LOVDescr>Open</STATUS_LOVDescr>
  <SSR_COMPONENT>LAB</SSR_COMPONENT>
  <SSR_COMPONENT_LOVDescr>Laboratory</SSR_COMPONENT_LOVDescr>
  <CLASSES_MEETING_PATTERNS>
    <CLASS_MEETING_PATTERN>
      <SSR_MTG_SCHED_LONG>Th 11:00AM - 1:30PM</SSR_MTG_SCHED_LONG>
      <SSR_MTG_LOC_LONG>TBA</SSR_MTG_LOC_LONG>
      <SSR_INSTR_LONG>Patricia Diaz</SSR_INSTR_LONG>
```

```
        <SSR_MTG_DT_LONG>01/16/2001 - 05/18/2001</SSR_MTG_DT_LONG>
        <SSR_TOPIC_LONG>TBA</SSR_TOPIC_LONG>
      </CLASS_MEETING_PATTERN>
    </CLASSES_MEETING_PATTERNS>
  </CLASS_SUMMARY>
  <CLASS_SUMMARY>
    <CRSE_ID>007116</CRSE_ID>
    <CRSE_ID_LOVDescr>Psychology Special Topics</CRSE_ID_LOVDescr>
    <SUBJECT>PSYCH</SUBJECT>
    <SUBJECT_LOVDescr>Psychology</SUBJECT_LOVDescr>
    <CATALOG_NBR>495</CATALOG_NBR>
    <CRSE_OFFER_NBR>1</CRSE_OFFER_NBR>
    <STRM>0430</STRM>
    <STRM_LOVDescr>2001 Spring</STRM_LOVDescr>
    <SESSION_CODE>12W</SESSION_CODE>
    <SESSION_CODE_LOVDescr>Twelve Week</SESSION_CODE_LOVDescr>
    <CLASS_SECTION>06</CLASS_SECTION>
    <CLASS_NBR>1365</CLASS_NBR>
    <SCHEDULE_PRINT>Y</SCHEDULE_PRINT>
    <SCHEDULE_PRINT_LOVDescr>Yes</SCHEDULE_PRINT_LOVDescr>
    <COMBINED_SECTION></COMBINED_SECTION>
    <COMBINED_SECTION_LOVDescr></COMBINED_SECTION_LOVDescr>
    <CLASS_TOPIC></CLASS_TOPIC>
    <SSR_CLASSNAME_LONG></SSR_CLASSNAME_LONG>
    <STATUS>O</STATUS>
    <STATUS_LOVDescr>Open</STATUS_LOVDescr>
    <SSR_COMPONENT>LEC</SSR_COMPONENT>
    <SSR_COMPONENT_LOVDescr>Lecture</SSR_COMPONENT_LOVDescr>
    <CLASSES_MEETING_PATTERNS>
      <CLASS_MEETING_PATTERN>
        <SSR_MTG_SCHED_LONG>TuTh 3:00PM - 4:20PM</SSR_MTG_SCHED_LONG>
        <SSR_MTG_LOC_LONG>TBA</SSR_MTG_LOC_LONG>
        <SSR_INSTR_LONG>Robert Ellsworth</SSR_INSTR_LONG>
        <SSR_MTG_DT_LONG>01/16/2001 - 04/27/2001</SSR_MTG_DT_LONG>
        <SSR_TOPIC_LONG>TBA</SSR_TOPIC_LONG>
      </CLASS_MEETING_PATTERN>
    </CLASSES_MEETING_PATTERNS>
  </CLASS_SUMMARY>
  <CLASS_SUMMARY>
    <CRSE_ID>007116</CRSE_ID>
    <CRSE_ID_LOVDescr>Psychology Special Topics</CRSE_ID_LOVDescr>
    <SUBJECT>PSYCH</SUBJECT>
    <SUBJECT_LOVDescr>Psychology</SUBJECT_LOVDescr>
    <CATALOG_NBR>495</CATALOG_NBR>
    <CRSE_OFFER_NBR>1</CRSE_OFFER_NBR>
    <STRM>0430</STRM>
    <STRM_LOVDescr>2001 Spring</STRM_LOVDescr>
    <SESSION_CODE>12W</SESSION_CODE>
    <SESSION_CODE_LOVDescr>Twelve Week</SESSION_CODE_LOVDescr>
    <CLASS_SECTION>06A</CLASS_SECTION>
    <CLASS_NBR>1366</CLASS_NBR>
    <SCHEDULE_PRINT>Y</SCHEDULE_PRINT>
    <SCHEDULE_PRINT_LOVDescr>Yes</SCHEDULE_PRINT_LOVDescr>
    <COMBINED_SECTION></COMBINED_SECTION>
    <COMBINED_SECTION_LOVDescr></COMBINED_SECTION_LOVDescr>
    <CLASS_TOPIC></CLASS_TOPIC>
    <SSR_CLASSNAME_LONG></SSR_CLASSNAME_LONG>
    <STATUS>O</STATUS>
    <STATUS_LOVDescr>Open</STATUS_LOVDescr>
    <SSR_COMPONENT>LAB</SSR_COMPONENT>
    <SSR_COMPONENT_LOVDescr>Laboratory</SSR_COMPONENT_LOVDescr>
```

```
      <CLASSES_MEETING_PATTERNS>
        <CLASS_MEETING_PATTERN>
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          <SSR_MTG_LOC_LONG>TBA</SSR_MTG_LOC_LONG>
          <SSR_INSTR_LONG>Robert Ellsworth</SSR_INSTR_LONG>
          <SSR_MTG_DT_LONG>01/16/2001 - 04/27/2001</SSR_MTG_DT_LONG>
          <SSR_TOPIC_LONG>TBA</SSR_TOPIC_LONG>
        </CLASS_MEETING_PATTERN>
      </CLASSES_MEETING_PATTERNS>
    </CLASS_SUMMARY>
    <CLASS_SUMMARY>
      <CRSE_ID>007116</CRSE_ID>
      <CRSE_ID_LOVDescr>Psychology Special Topics</CRSE_ID_LOVDescr>
      <SUBJECT>PSYCH</SUBJECT>
      <SUBJECT_LOVDescr>Psychology</SUBJECT_LOVDescr>
      <CATALOG_NBR>495</CATALOG_NBR>
      <CRSE_OFFER_NBR>1</CRSE_OFFER_NBR>
      <STRM>0430</STRM>
      <STRM_LOVDescr>2001 Spring</STRM_LOVDescr>
      <SESSION_CODE>12W</SESSION_CODE>
      <SESSION_CODE_LOVDescr>Twelve Week</SESSION_CODE_LOVDescr>
      <CLASS_SECTION>07A</CLASS_SECTION>
      <CLASS_NBR>1368</CLASS_NBR>
      <SCHEDULE_PRINT>Y</SCHEDULE_PRINT>
      <SCHEDULE_PRINT_LOVDescr>Yes</SCHEDULE_PRINT_LOVDescr>
      <COMBINED_SECTION></COMBINED_SECTION>
      <COMBINED_SECTION_LOVDescr></COMBINED_SECTION_LOVDescr>
      <CLASS_TOPIC></CLASS_TOPIC>
      <SSR_CLASSNAME_LONG></SSR_CLASSNAME_LONG>
      <STATUS>O</STATUS>
      <STATUS_LOVDescr>Open</STATUS_LOVDescr>
      <SSR_COMPONENT>LAB</SSR_COMPONENT>
      <SSR_COMPONENT_LOVDescr>Laboratory</SSR_COMPONENT_LOVDescr>
      <CLASSES_MEETING_PATTERNS>
        <CLASS_MEETING_PATTERN>
          <SSR_MTG_SCHED_LONG>We 9:00AM - 11:30AM</SSR_MTG_SCHED_LONG>
          <SSR_MTG_LOC_LONG>TBA</SSR_MTG_LOC_LONG>
          <SSR_INSTR_LONG>Hussein Esmail</SSR_INSTR_LONG>
          <SSR_MTG_DT_LONG>01/16/2001 - 04/27/2001</SSR_MTG_DT_LONG>
          <SSR_TOPIC_LONG>TBA</SSR_TOPIC_LONG>
        </CLASS_MEETING_PATTERN>
      </CLASSES_MEETING_PATTERNS>
    </CLASS_SUMMARY>
    <CLASS_SUMMARY>
      <CRSE_ID>007116</CRSE_ID>
      <CRSE_ID_LOVDescr>Psychology Special Topics</CRSE_ID_LOVDescr>
      <SUBJECT>PSYCH</SUBJECT>
      <SUBJECT_LOVDescr>Psychology</SUBJECT_LOVDescr>
      <CATALOG_NBR>495</CATALOG_NBR>
      <CRSE_OFFER_NBR>1</CRSE_OFFER_NBR>
      <STRM>0430</STRM>
      <STRM_LOVDescr>2001 Spring</STRM_LOVDescr>
      <SESSION_CODE>OEE</SESSION_CODE>
      <SESSION_CODE_LOVDescr>Open Entry/Open Exit</SESSION_CODE_LOVDescr>
      <CLASS_SECTION>10</CLASS_SECTION>
      <CLASS_NBR>1303</CLASS_NBR>
      <SCHEDULE_PRINT>Y</SCHEDULE_PRINT>
      <SCHEDULE_PRINT_LOVDescr>Yes</SCHEDULE_PRINT_LOVDescr>
      <COMBINED_SECTION></COMBINED_SECTION>
      <COMBINED_SECTION_LOVDescr></COMBINED_SECTION_LOVDescr>
      <CLASS_TOPIC></CLASS_TOPIC>
```

```
              <SSR_CLASSNAME_LONG></SSR_CLASSNAME_LONG>
              <STATUS>O</STATUS>
              <STATUS_LOVDescr>Open</STATUS_LOVDescr>
              <SSR_COMPONENT>LEC</SSR_COMPONENT>
              <SSR_COMPONENT_LOVDescr>Lecture</SSR_COMPONENT_LOVDescr>
              <CLASSES_MEETING_PATTERNS>
                <CLASS_MEETING_PATTERN>
                  <SSR_MTG_SCHED_LONG>TBA</SSR_MTG_SCHED_LONG>
                  <SSR_MTG_LOC_LONG>TBA</SSR_MTG_LOC_LONG>
                  <SSR_INSTR_LONG>Ashok Dhawan</SSR_INSTR_LONG>
                  <SSR_MTG_DT_LONG>01/16/2001 - 05/18/2001</SSR_MTG_DT_LONG>
                  <SSR_TOPIC_LONG>TBA</SSR_TOPIC_LONG>
                </CLASS_MEETING_PATTERN>
              </CLASSES_MEETING_PATTERNS>
            </CLASS_SUMMARY>
            <CLASS_SUMMARY>
              <CRSE_ID>007116</CRSE_ID>
              <CRSE_ID_LOVDescr>Psychology Special Topics</CRSE_ID_LOVDescr>
              <SUBJECT>PSYCH</SUBJECT>
              <SUBJECT_LOVDescr>Psychology</SUBJECT_LOVDescr>
              <CATALOG_NBR>495</CATALOG_NBR>
              <CRSE_OFFER_NBR>1</CRSE_OFFER_NBR>
              <STRM>0430</STRM>
              <STRM_LOVDescr>2001 Spring</STRM_LOVDescr>
              <SESSION_CODE>OEE</SESSION_CODE>
              <SESSION_CODE_LOVDescr>Open Entry/Open Exit</SESSION_CODE_LOVDescr>
              <CLASS_SECTION>10A</CLASS_SECTION>
              <CLASS_NBR>1304</CLASS_NBR>
              <SCHEDULE_PRINT>Y</SCHEDULE_PRINT>
              <SCHEDULE_PRINT_LOVDescr>Yes</SCHEDULE_PRINT_LOVDescr>
              <COMBINED_SECTION></COMBINED_SECTION>
              <COMBINED_SECTION_LOVDescr></COMBINED_SECTION_LOVDescr>
              <CLASS_TOPIC></CLASS_TOPIC>
              <SSR_CLASSNAME_LONG></SSR_CLASSNAME_LONG>
              <STATUS>O</STATUS>
              <STATUS_LOVDescr>Open</STATUS_LOVDescr>
              <SSR_COMPONENT>LAB</SSR_COMPONENT>
              <SSR_COMPONENT_LOVDescr>Laboratory</SSR_COMPONENT_LOVDescr>
              <CLASSES_MEETING_PATTERNS>
                <CLASS_MEETING_PATTERN>
                  <SSR_MTG_SCHED_LONG>TBA</SSR_MTG_SCHED_LONG>
                  <SSR_MTG_LOC_LONG>TBA</SSR_MTG_LOC_LONG>
                  <SSR_INSTR_LONG>Ashok Dhawan</SSR_INSTR_LONG>
                  <SSR_MTG_DT_LONG>01/16/2001 - 05/18/2001</SSR_MTG_DT_LONG>
                  <SSR_TOPIC_LONG>TBA</SSR_TOPIC_LONG>
                </CLASS_MEETING_PATTERN>
              </CLASSES_MEETING_PATTERNS>
            </CLASS_SUMMARY>
          </CLASSES_SUMMARY>
        </SUBJECT>
      </SUBJECTS>
    </SEARCH_RESULT>
</SSR_GET_CLASSES_RESP>
```
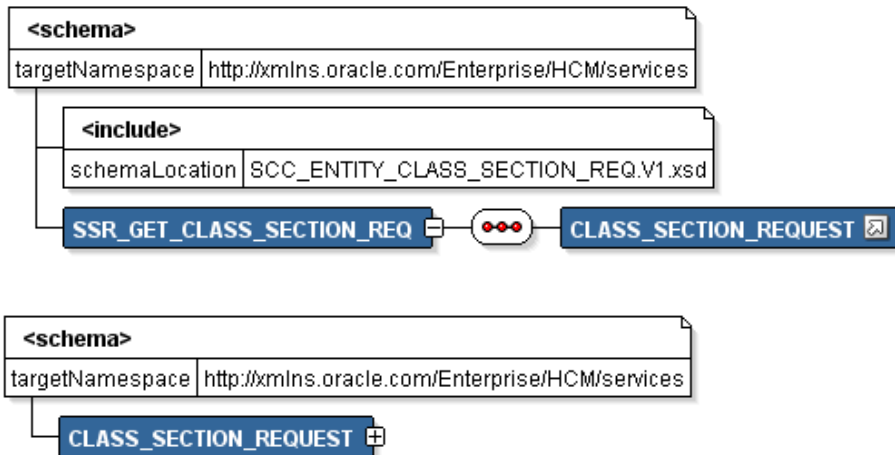
**Fault:** SCC_FAULT_RESP

Refer to the SCC_FAULT_RESP message example in the GET Enrollment section.

## RETRIEVE Class Section Detail

### Description

| Service: | SSR_CLASS |
|---|---|
| Operation: | SSR_GET_CLASS_SECTION: Retrieve the detail for a Class Section |
| Summary: | Allows the student to search for a particular class section and see the search results. The response includes Class Section, Class Combined Section, Class Component, Class Meeting Pattern, Class Text Books, Enrollment Information |
| Description: | The SSR_GET_CLASS_SECTION service operation can be used to perform a search for a particular class section. After the Get Class Search operation is performed, the UI can invoke the Get Class Section operation to retrieve details of the class section. Input to the service operation comes from the output values of the Get Class operation. <br> The operation executes on either of the two class search modes-Class Section or Class Number. If class search mode is Class Section, then the parameters will include <br> • Institution <br> • Course ID <br> • Offer Nbr <br> • Term <br> • Session <br> • Class Section <br> If the class search mode is Class Number then the request will include Term and Class Nbr |
| Users: | Student |
| Processing: | 1. Verify required input parameters exists <br> 2. Use the appropriate classes in SSR_CLASS application package to retrieve the class section details based on the input search criteria. <br> 3. Prepares response message comprising of class section details. |
| Output: | Response message containing the class section details is sent back to the user. |
| Error Conditions: | The following condition results in an error from the service: <br><br> • The supplied input parameters are invalid |

### Input

**Message**: SSR_GET_CLASS_SECTION_REQ

The following diagram shows the SSR_GET_CLASS_SECTION_REQ message structure:

**Figure 61: SSR_GET_CLASS_SECTION _REQ Message Structure**

The following are the input parameters for the UI to pass to the service operation:

- Institution
- Course ID
- Offer Nbr
- Term
- Session
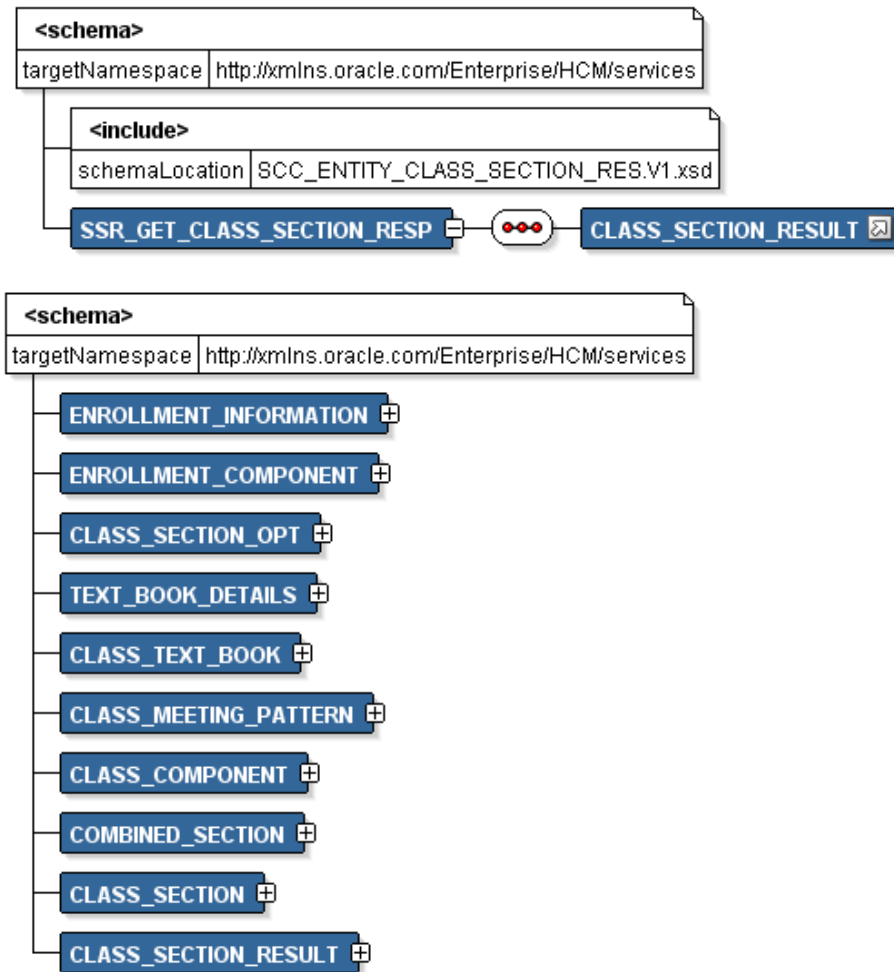- Class Nbr
- Class Section
- Class Search Mode

The following is an example of the SSR_GET_CLASS_SECTION _REQ message that the SSR_GET_CLASS_SECTION service operation receives from the UI:

```xml
<?xml version="1.0"?>
<SSR_GET_CLASS_SECTION_REQ xmlns =
"http://xmlns.oracle.com/Enterprise/HCM/services">
  <CLASS_SECTION_REQUEST>
     <CRSE_ID>007116</CRSE_ID>
     <CRSE_OFFER_NBR>1</CRSE_OFFER_NBR>
     <STRM>0430</STRM>
     <SESSION_CODE>1</SESSION_CODE>
     <CLASS_SECTION>01</CLASS_SECTION>
     <SSR_SEARCH_MODE>S</SSR_SEARCH_MODE>
     <SSR_INCLUD_CLS_SET></SSR_INCLUD_CLS_SET>
     <CLASS_NBR>1297</CLASS_NBR>
     <ACAD_CAREER></ACAD_CAREER>
     <ACAD_PROG></ACAD_PROG>
  </CLASS_SECTION_REQUEST>
</SSR_GET_CLASS_SECTION_REQ>
```

**Output Message:** SSR_GET_CLASS_SECTION _RESP

When the Integration Broker receives the SSR_GET_CLASS_SECTION_REQ message, it responds with the SSR_GET_CLASS_SECTION_RESP message.

The following diagram shows the SSR_GET_CLASS_SECTION_RESP message structure:

**Figure 12: SSR_GET_CLASS_SECTION _RESP Message Structure**

The following is an example of the SSR_GET_CLASS_SECTION _RESP message that the SSR_GET_CLASS_SECTION service operation transmits to the UI:

```
<?xml version="1.0"?>
<SSR_GET_CLASS_SECTION_RESP xmlns = "http://xmlns.oracle.com/Enterprise/HCM/services">
  <CLASS_SECTION_RESULT>
    <SSR_CRS_SRCH_COUNT>0</SSR_CRS_SRCH_COUNT>
    <SSR_CRS_GEN_MSG></SSR_CRS_GEN_MSG>
    <CLASS_SECTIONS>
      <CLASS_SECTION>
        <ACAD_CAREER>UGRD</ACAD_CAREER>
        <ACAD_CAREER_LOVDescr>Undergraduate</ACAD_CAREER_LOVDescr>
        <ASSOCIATED_CLASS>1</ASSOCIATED_CLASS>
        <AVAILABLE_SEATS>34</AVAILABLE_SEATS>
        <CAMPUS>MAIN</CAMPUS>
        <CAMPUS_LOVDescr>Main Hacienda Campus</CAMPUS_LOVDescr>
        <CATALOG_NBR>495</CATALOG_NBR>
        <CLASS_NBR>1297</CLASS_NBR>
```

```
<CLASS_SECTION>01</CLASS_SECTION>
<CLASS_TYPE>E</CLASS_TYPE>
<CLASS_TYPE_LOVDescr>Enrollment Section</CLASS_TYPE_LOVDescr>
<COMBINED_SECTION>C</COMBINED_SECTION>
<COMBINED_SECTION_LOVDescr>Combined Section</COMBINED_SECTION_LOVDescr>
<CONSENT></CONSENT>
<CRS_TOPIC_ID>2</CRS_TOPIC_ID>
<CRSE_ID>007116</CRSE_ID>
<CRSE_ID_LOVDescr>Psychology Special Topics</CRSE_ID_LOVDescr>
<CRSE_OFFER_NBR>1</CRSE_OFFER_NBR>
<DESCR200>PSYCH  495 - 01   Psychology Special Topics</DESCR200>
<DESCRFORMAL></DESCRFORMAL>
<DESCRLONG>An intensive study of a psychological topic which commands the current focus of interest of both the
faculty member and the students.</DESCRLONG>
<EFFDT>2001-01-16</EFFDT>
<END_DT>2001-05-05</END_DT>
<ENRL_CAP>35</ENRL_CAP>
<ENRL_STAT>O</ENRL_STAT>
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  There will be $25 fee charged for the purchase of psychological testing materials.

  This class requires attendance on several field trips.  Details will be provided at the first class meeting.
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  All senior psychology majors are required to enroll in the senior seminar.

  All Psychology majors are required to meet with an advisor prior to registration.
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          Michael Fromm
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**Fault:** SCC_FAULT_RESP

Refer to the SCC_FAULT_RESP message example in the GET StudyList section.