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<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:types="http://www.slc.co.uk/course/types/1.0"
xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns="http://www.slc.co.uk/course/types/1.0"
targetNamespace="http://www.slc.co.uk/course/types/1.0"
elementFormDefault="unqualified" attributeFormDefault="unqualified">
  <xs:simpleType name="methodOfAttendance">
    <xs:annotation>
      <xs:documentation>MOA restriction.</xs:documentation>
    </xs:annotation>
    <xs:restriction base="xs:string">
      <xs:enumeration value="FE">
        <xs:annotation>
          <xs:documentation>Full Time And Extended
Attendance</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="FP">
        <xs:annotation>
          <xs:documentation>Full Time And Part Time
Attendance</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="FS">
        <xs:annotation>
          <xs:documentation>Full Time Plus Sandwich
Attendance</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="FT">
        <xs:annotation>
          <xs:documentation>Full Time
Attendance</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="OT">
        <xs:annotation>
          <xs:documentation>Other - Unknown Method of
Attendance</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="PT">
        <xs:annotation>
          <xs:documentation>Part Time
Attendance</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="courseStatus">
    <xs:annotation>
      <xs:documentation>Course statuses, either open or
closed.</xs:documentation>
    </xs:annotation>
    <xs:restriction base="xs:string">
      <xs:enumeration value="C">
        <xs:annotation>

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        <xs:documentation>Closed</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="0">
    <xs:annotation>
        <xs:documentation>Open</xs:documentation>
    </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
<xs:simpleType name="courseTypes">
    <xs:annotation>
        <xs:documentation>Type of Course</xs:documentation>
    </xs:annotation>
    <xs:restriction base="xs:string">
        <xs:enumeration value="ACCELERATED">
            <xs:annotation>
                <xs:documentation>Course compresses a two year
course into one year of study</xs:documentation>
            </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="ART TEACHER">
            <xs:annotation>
                <xs:documentation>Art Teacher</xs:documentation>
            </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="EMERGENCY">
            <xs:annotation>
                <xs:documentation>Emergency Course
Type</xs:documentation>
            </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="FRANCHISED">
            <xs:annotation>
                <xs:documentation>Franchised
Course</xs:documentation>
            </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="OTHER">
            <xs:annotation>
                <xs:documentation>Other Eligible
Course</xs:documentation>
            </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="PART TIME">
            <xs:annotation>
                <xs:documentation>Part Time
Course</xs:documentation>
            </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="PGCE">
            <xs:annotation>
                <xs:documentation>Post Graduate Certificate In
Education</xs:documentation>
            </xs:annotation>
        </xs:enumeration>
    </xs:restriction>

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</xs:simpleType>
<xs:simpleType name="YN">
  <xs:annotation>
    <xs:appinfo>
      <javaType name="java.lang.Boolean"
parseMethod="uk.co.slc.hei.crs.webservice.convertors.BooleanConverter.valueOf"
printMethod="uk.co.slc.hei.crs.webservice.convertors.BooleanConverter.toString"/
>
      </xs:appinfo>
      <xs:documentation>matches Y or N</xs:documentation>
    </xs:annotation>
    <xs:restriction base="xs:NMTOKEN">
      <xs:enumeration value="Y"/>
      <xs:enumeration value="N"/>
    </xs:restriction>
  </xs:simpleType>
<xs:simpleType name="yesNo">
  <xs:annotation>
    <xs:documentation>Simple type for Y/N
values</xs:documentation>
  </xs:annotation>
  <xs:restriction base="xs:boolean"/>
</xs:simpleType>
<xs:simpleType name="username">
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="4000"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="password">
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="4000"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="heiCode">
  <xs:restriction base="xs:string">
    <xs:pattern value="[A-Z]{4}"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="institutionFullName">
  <xs:restriction base="xs:string">
    <xs:maxLength value="50"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="institutionShortName">
  <xs:restriction base="xs:string">
    <xs:maxLength value="45"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="institutionCountry">
  <xs:restriction base="xs:string">
    <xs:maxLength value="16"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="ucasCollegeCode">
  <xs:restriction base="xs:string">

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        <xs:pattern value="[0-9A-Z]{3}"/>
    </xs:restriction>
</xs:simpleType>
<xs:simpleType name="slcCourseCode">
    <xs:restriction base="xs:int">
        <xs:minInclusive value="0"/>
        <xs:maxInclusive value="999999"/>
    </xs:restriction>
</xs:simpleType>
<xs:simpleType name="courseTitle">
    <xs:restriction base="xs:string">
        <xs:maxLength value="120"/>
    </xs:restriction>
</xs:simpleType>
<xs:simpleType name="courseShortName">
    <xs:restriction base="xs:string">
        <xs:maxLength value="41"/>
    </xs:restriction>
</xs:simpleType>
<xs:simpleType name="courseDescription">
    <xs:restriction base="xs:string">
        <xs:maxLength value="120"/>
    </xs:restriction>
</xs:simpleType>
<xs:simpleType name="courseDuration">
    <xs:annotation>
        <xs:documentation>
            The duration of a course in years. N.B. although this
can theoretically
            be 0-99 as shown in the restriction clause below, this
is currently restricted
            to the values 1-6 within the HEI Courses application and
values outside
            this range will cause an error. Subsequent revisions of
this specification
            may bring the restriction clause into line with the
application validation.
            This has not been done at this stage due to the overhead
of regenerating the
            dependent code.
        </xs:documentation>
    </xs:annotation>
    <xs:restriction base="xs:int">
        <xs:minInclusive value="0"/>
        <xs:maxInclusive value="99"/>
    </xs:restriction>
</xs:simpleType>
<xs:simpleType name="courseYearYearOfStudy">
    <xs:annotation>
        <xs:documentation>
            The year of study. Course years may run from 1 through
to the courseDuration
            or from 0 through to courseDuration - 1. This is to
allow for a foundation
            year that has courseYearYearOfStudy = 0.
        </xs:documentation>
    </xs:annotation>

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    <xs:restriction base="xs:int">
      <xs:minInclusive value="0"/>
      <xs:maxInclusive value="9"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="courseYearFeeCap">
    <xs:annotation>
      <xs:documentation>
        The course year fee cap. Must always be less than or
equal to the
        institutionYearFeeCap value.
      </xs:documentation>
    </xs:annotation>
    <xs:restriction base="xs:integer">
      <xs:minInclusive value="0"/>
      <xs:maxInclusive value="9999"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="courseTermNumber">
    <xs:annotation>
      <xs:documentation>
        The number of a course term. In practice, there will
always be
        exactly 3 terms, numbered 1, 2 and 3.
      </xs:documentation>
    </xs:annotation>
    <xs:restriction base="xs:int">
      <xs:minInclusive value="0"/>
      <xs:maxInclusive value="9"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="institutionYearFeeCap">
    <xs:restriction base="xs:integer">
      <xs:minInclusive value="0"/>
      <xs:maxInclusive value="9999"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="institutionYearVariableFees">
    <xs:restriction base="xs:integer">
      <xs:minInclusive value="0"/>
      <xs:maxInclusive value="9999"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="institutionYearPredictedNumberOfCourses">
    <xs:restriction base="xs:integer">
      <xs:minInclusive value="0"/>
      <xs:maxInclusive value="9999"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="locationName">
    <xs:restriction base="xs:string">
      <xs:maxLength value="32"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="locationAddressLine">
    <xs:restriction base="xs:string">
      <xs:maxLength value="60"/>

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        </xs:restriction>
</xs:simpleType>
<xs:simpleType name="postcode">
    <xs:restriction base="xs:string">
        <xs:maxLength value="8"/>
    </xs:restriction>
</xs:simpleType>
<xs:simpleType name="phoneNumber">
    <xs:restriction base="xs:string">
        <xs:maxLength value="20"/>
    </xs:restriction>
</xs:simpleType>
<xs:simpleType name="emailAddress">
    <xs:restriction base="xs:string">
        <xs:maxLength value="60"/>
        <xs:pattern value="^[^@]+@[^\.\.]+\.\.+"/>
    </xs:restriction>
</xs:simpleType>
<xs:simpleType name="academicYear">
    <xs:restriction base="xs:int">
        <xs:minInclusive value="1980"/>
        <xs:maxInclusive value="9999"/>
    </xs:restriction>
</xs:simpleType>
<xs:simpleType name="date">
    <xs:restriction base="xs:date"/>
</xs:simpleType>
<xs:simpleType name="timeStamp">
    <xs:restriction base="xs:dateTime"/>
</xs:simpleType>
<xs:simpleType name="campus">
    <xs:restriction base="xs:string">
        <xs:pattern value="[0-9a-zA-Z]"/>
    </xs:restriction>
</xs:simpleType>
<xs:complexType name="code">
    <xs:simpleContent>
        <xs:extension base="types:codeValue">
            <xs:attribute name="type" type="types:codeType"/>
        </xs:extension>
    </xs:simpleContent>
</xs:complexType>
<xs:simpleType name="codeValue">
    <xs:restriction base="xs:string">
        <xs:minLength value="1"/>
        <xs:maxLength value="4"/>
    </xs:restriction>
</xs:simpleType>
<xs:simpleType name="codeType">
    <xs:annotation>
        <xs:documentation>
            Code types restriction. Used to define the type of a
code.
        </xs:documentation>
    </xs:annotation>
    <xs:restriction base="xs:string">
        <xs:enumeration value="ucas">

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        <xs:annotation>
            <xs:documentation>UCAS Code</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="jacs">
        <xs:annotation>
            <xs:documentation>JACS Code</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="ucasSuffix">
        <xs:annotation>
            <xs:documentation>UCAS Suffix
(Campus?)</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
</xs:restriction>
</xs:simpleType>
<xs:simpleType name="qualificationCode">
    <xs:restriction base="xs:string">
        <xs:minLength value="1"/>
        <xs:maxLength value="8"/>
    </xs:restriction>
</xs:simpleType>
<xs:simpleType name="qualificationDescription">
    <xs:restriction base="xs:string">
        <xs:minLength value="1"/>
        <xs:maxLength value="100"/>
    </xs:restriction>
</xs:simpleType>
</xs:schema>

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